

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127399.D
 Acq On : 18 Mar 2022 18:49
 Operator : CG\JU
 Sample : N1708-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B13-33.0-33.5

Quant Time: Mar 19 01:52:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

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

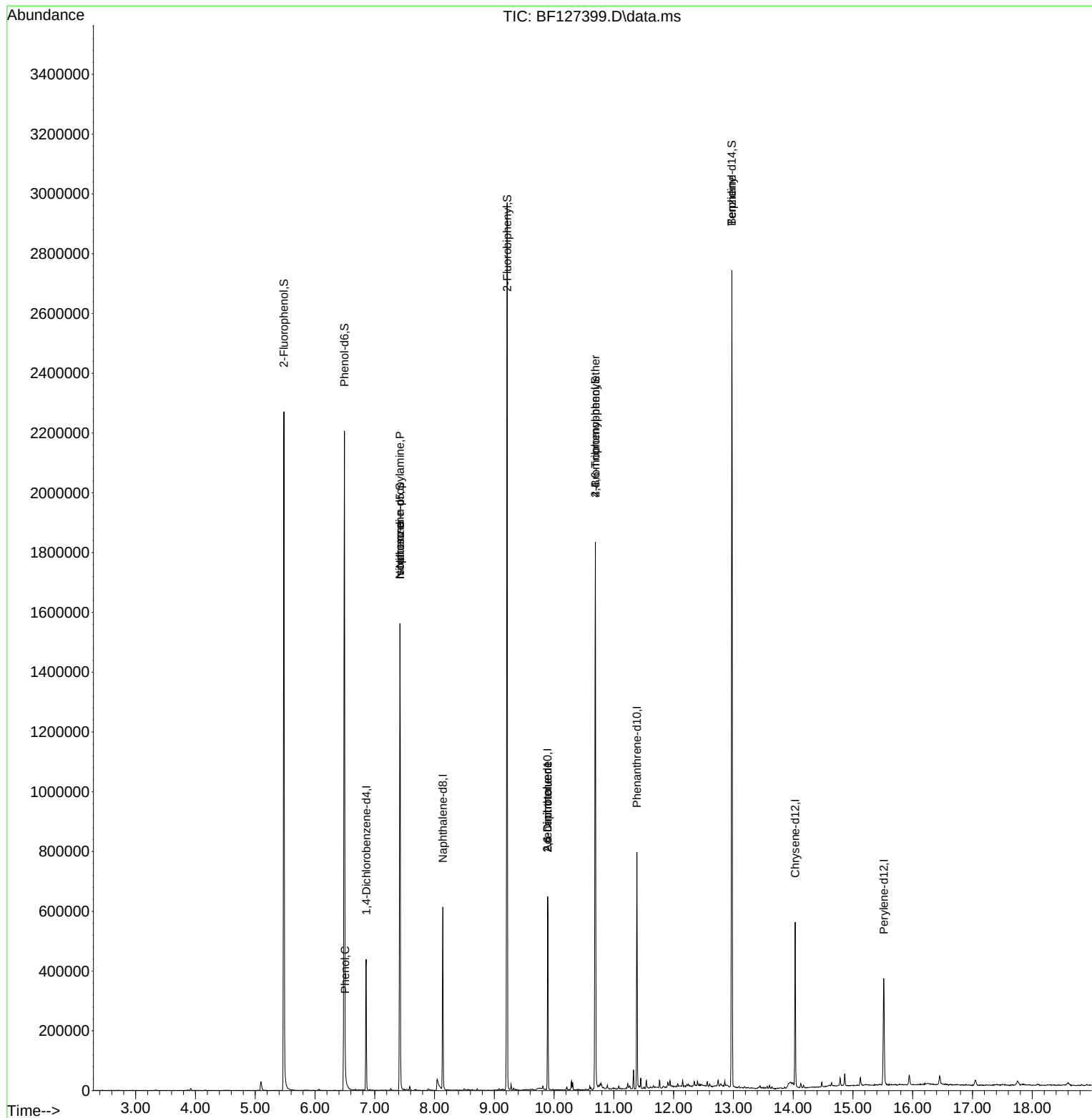
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	61760	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	229909	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	128485	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	250288	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	175385	20.000	ng	#-0.01
86) Perylene-d12	15.515	264	156685	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	530243	138.018	ng	0.00
7) Phenol-d6	6.492	99	723483	136.893	ng	0.00
23) Nitrobenzene-d5	7.422	82	501797	90.137	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	201623	145.773	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	847229	93.225	ng	0.00
79) Terphenyl-d14	12.974	244	986955	96.900	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	1196	Below Cal	#	3
10) Phenol	6.504	94	14580	2.511	ng	78
19) n-Nitroso-di-n-propyla...	7.422	70	69224	20.989	ng	# 87
25) Isophorone	7.422	82	501792	56.056	ng	# 69
51) 2,6-Dinitrotoluene	9.892	165	16303	8.754	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	16303	6.653	ng	# 15
67) 4-Bromophenyl-phenylether	10.692	248	13566	4.496	ng	# 1
77) Benzidine	12.974	184	13321	2.987	ng	# 94

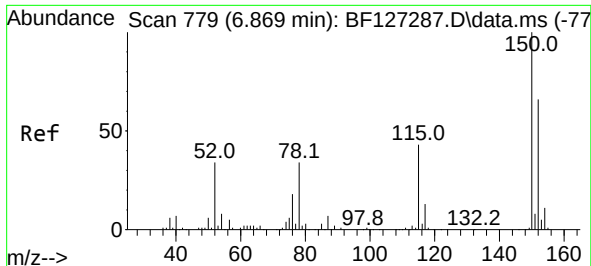
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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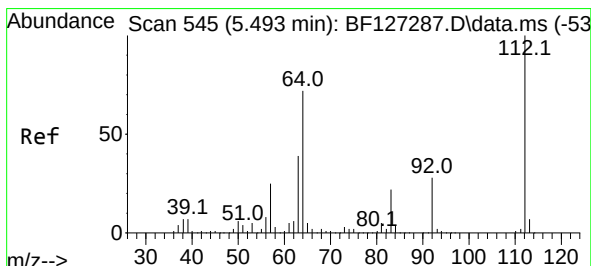
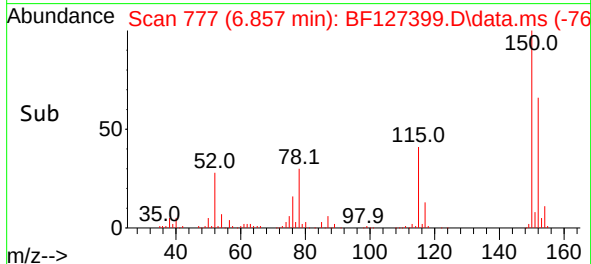
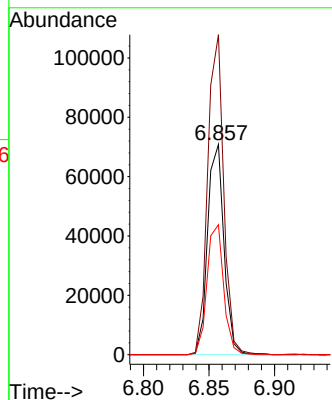
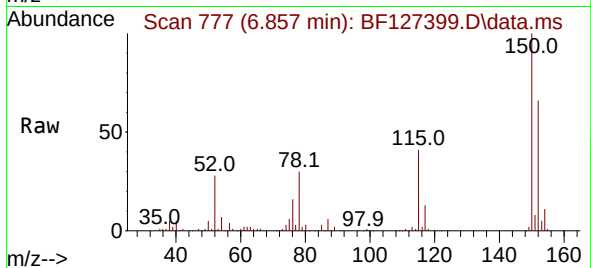




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127399.D
Acq: 18 Mar 2022 18:49

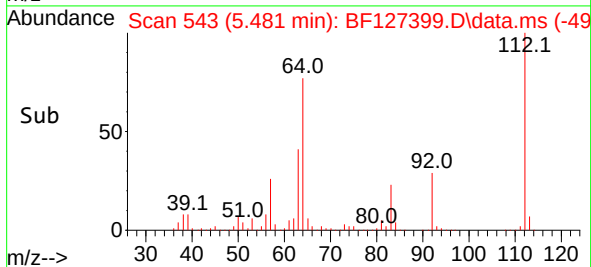
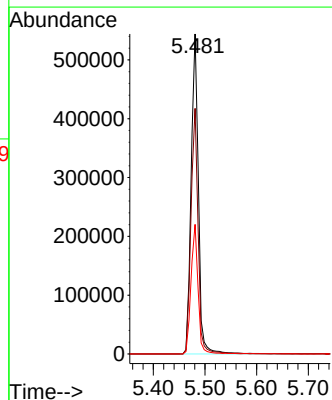
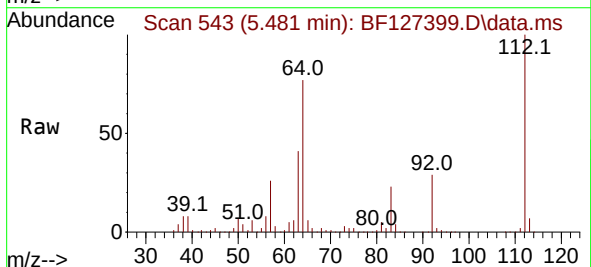
Instrument :
BNA_F
ClientSampleId :
PPSP-B13-33.0-33.5

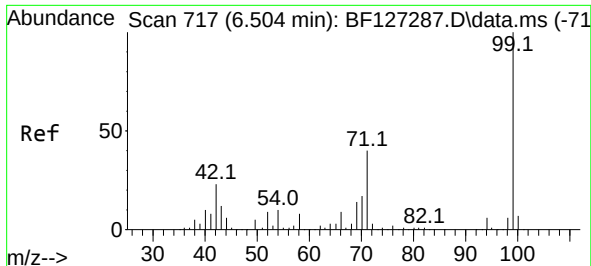
Tgt Ion:152 Resp: 61760
Ion Ratio Lower Upper
152 100
150 152.2 128.1 192.1
115 61.8 56.7 85.1



#5
2-Fluorophenol
Concen: 138.018 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF127399.D
Acq: 18 Mar 2022 18:49

Tgt Ion:112 Resp: 530243
Ion Ratio Lower Upper
112 100
64 76.7 49.5 74.3#
63 40.5 23.9 35.9#





#7

Phenol-d6

Concen: 136.893 ng

RT: 6.492 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127399.D

Acq: 18 Mar 2022 18:49

Instrument :

BNA_F

ClientSampleId :

PPSP-B13-33.0-33.5

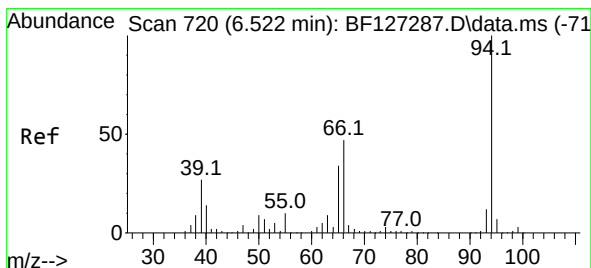
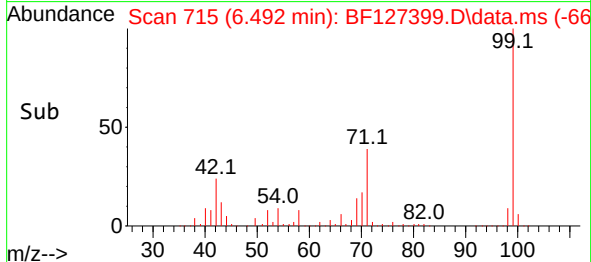
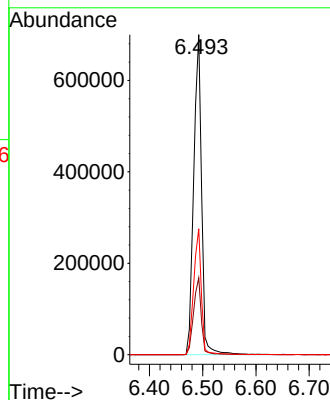
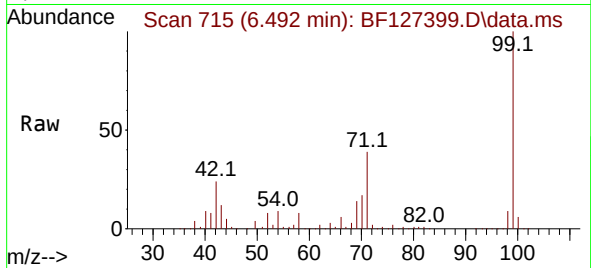
Tgt Ion: 99 Resp: 723483

Ion Ratio Lower Upper

99 100

42 24.0 14.2 21.4#

71 39.4 24.3 36.5#



#10

Phenol

Concen: 2.511 ng

RT: 6.504 min Scan# 717

Delta R.T. -0.012 min

Lab File: BF127399.D

Acq: 18 Mar 2022 18:49

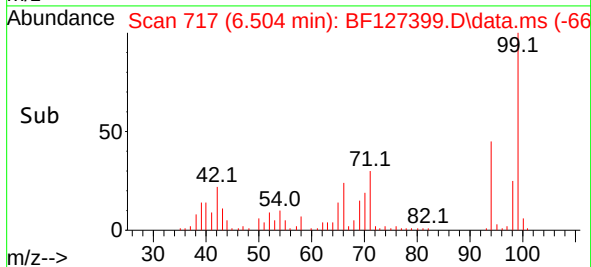
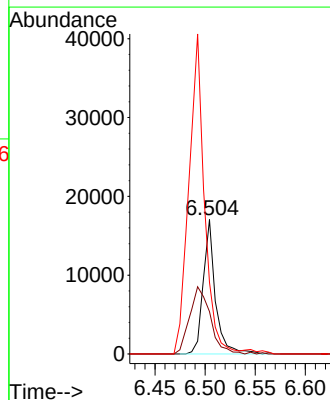
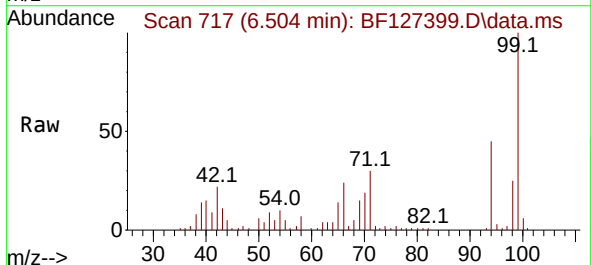
Tgt Ion: 94 Resp: 14580

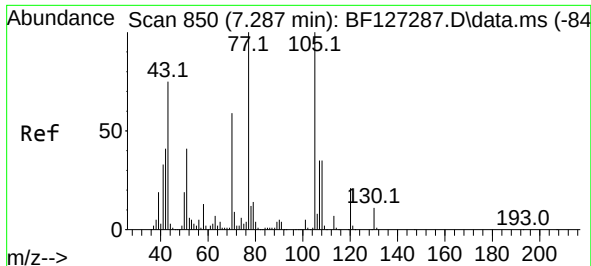
Ion Ratio Lower Upper

94 100

65 31.6 7.2 47.2

66 53.3 14.5 54.5





#19

n-Nitroso-di-n-propylamine

Concen: 20.989 ng

RT: 7.422 min Scan# 81

Delta R.T. 0.141 min

Lab File: BF127399.D

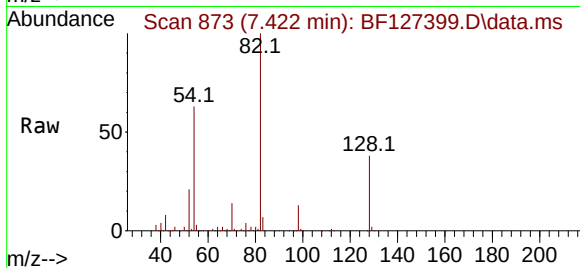
Acq: 18 Mar 2022 18:49

Instrument :

BNA_F

ClientSampleId :

PPSP-B13-33.0-33.5



Tgt Ion: 70 Resp: 69224

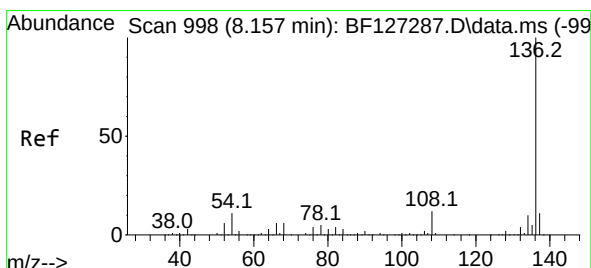
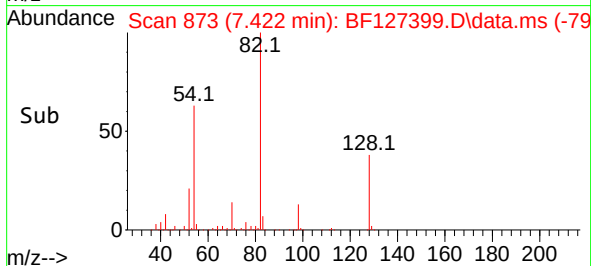
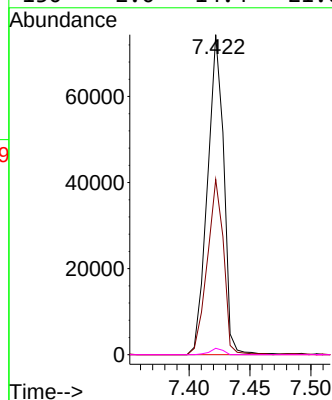
Ion Ratio Lower Upper

70 100

42 54.7 45.8 68.8

101 0.0 6.9 10.3#

130 2.0 14.4 21.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF127399.D

Acq: 18 Mar 2022 18:49

Tgt Ion: 136 Resp: 229909

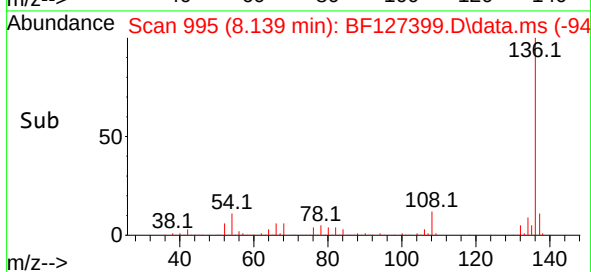
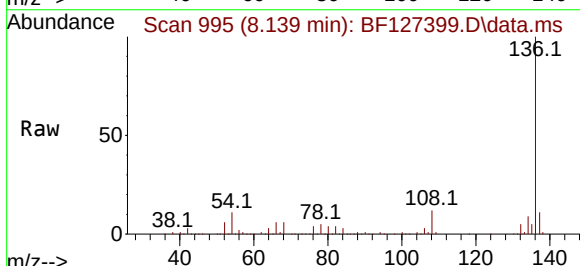
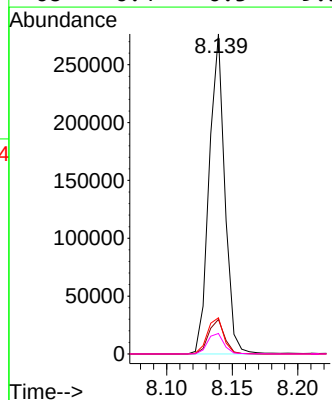
Ion Ratio Lower Upper

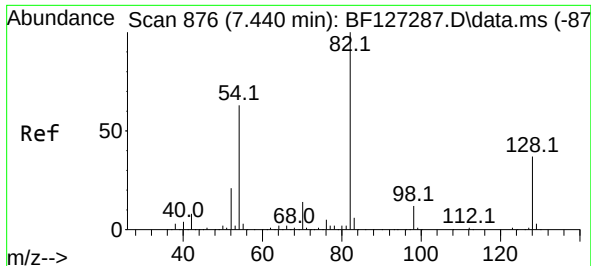
136 100

137 10.8 8.6 13.0

54 11.3 7.8 11.6

68 6.4 6.3 9.5





#23

Nitrobenzene-d5

Concen: 90.137 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127399.D

Acq: 18 Mar 2022 18:49

Instrument :

BNA_F

ClientSampleId :

PPSP-B13-33.0-33.5

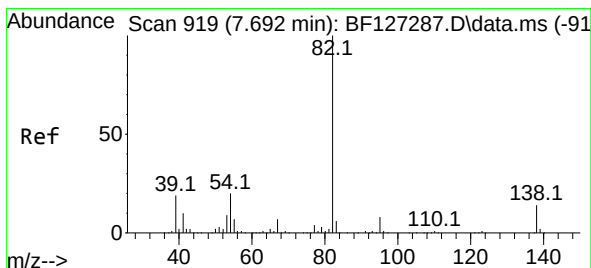
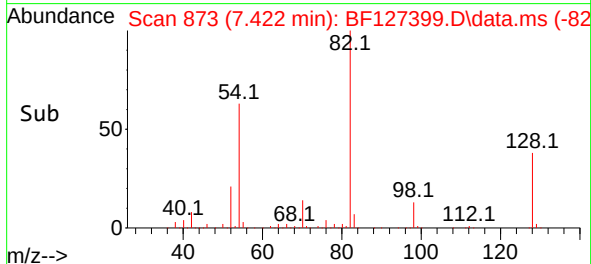
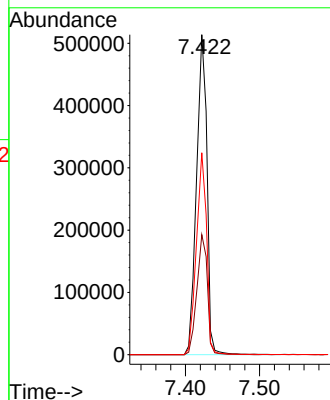
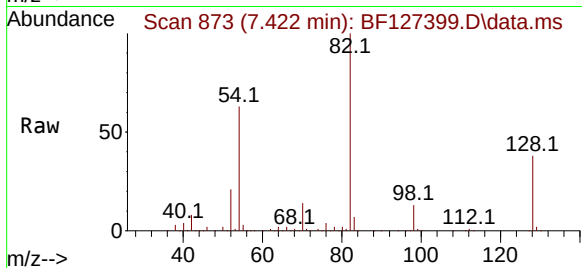
Tgt Ion: 82 Resp: 501797

Ion Ratio Lower Upper

82 100

128 37.5 32.7 49.1

54 63.1 41.7 62.5#



#25

Isophorone

Concen: 56.056 ng

RT: 7.422 min Scan# 873

Delta R.T. -0.265 min

Lab File: BF127399.D

Acq: 18 Mar 2022 18:49

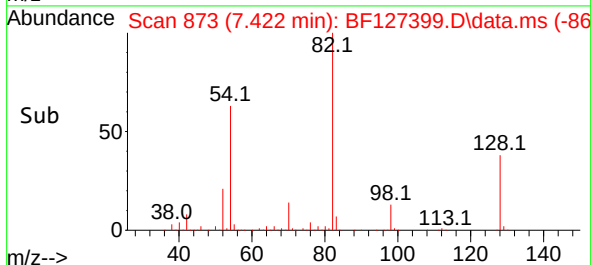
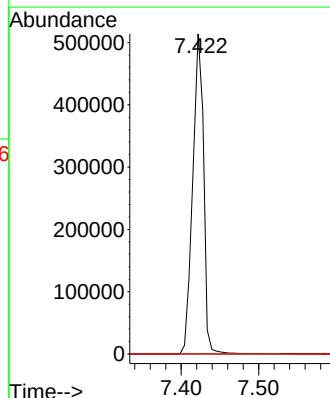
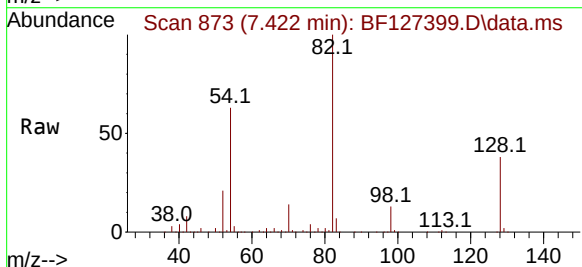
Tgt Ion: 82 Resp: 501792

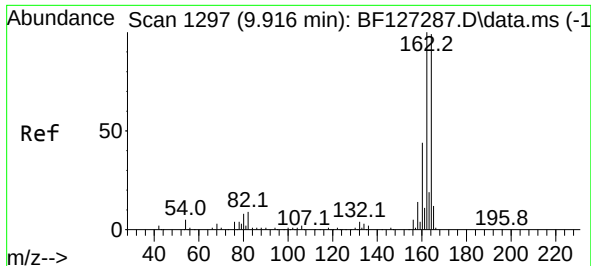
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF127399.D

Acq: 18 Mar 2022 18:49

Instrument :

BNA_F

ClientSampleId :

PPSP-B13-33.0-33.5

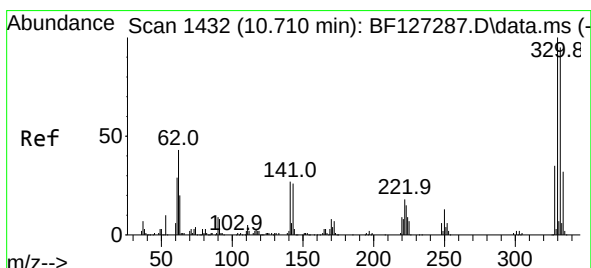
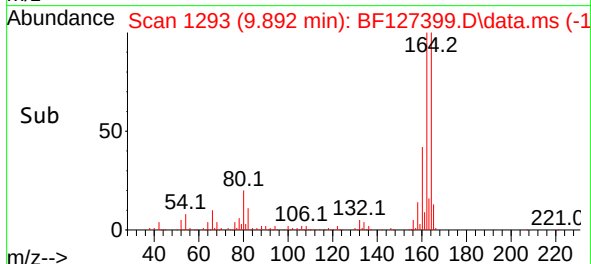
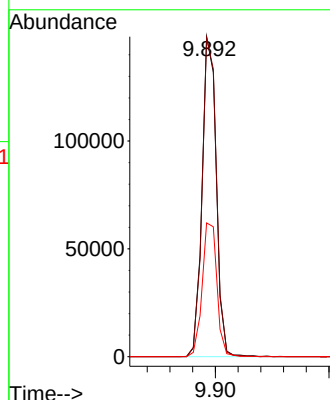
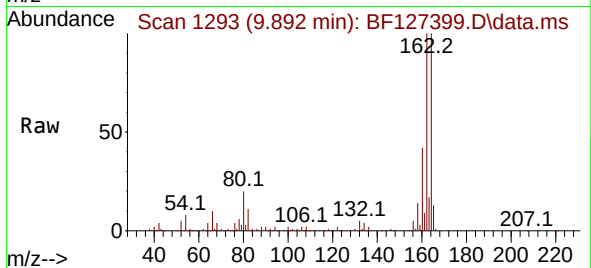
Tgt Ion:164 Resp: 128485

Ion Ratio Lower Upper

164 100

162 99.7 81.4 122.0

160 41.8 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 145.773 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF127399.D

Acq: 18 Mar 2022 18:49

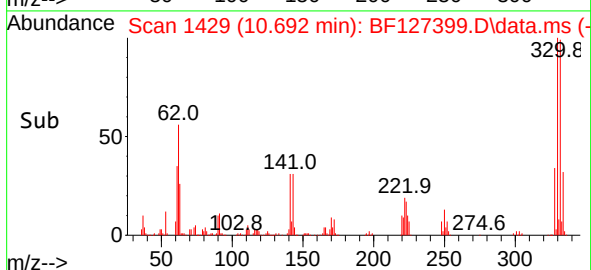
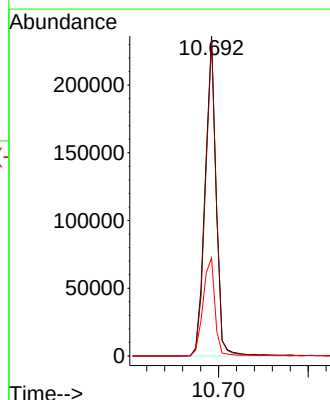
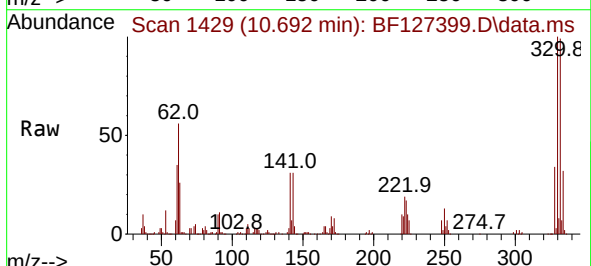
Tgt Ion:330 Resp: 201623

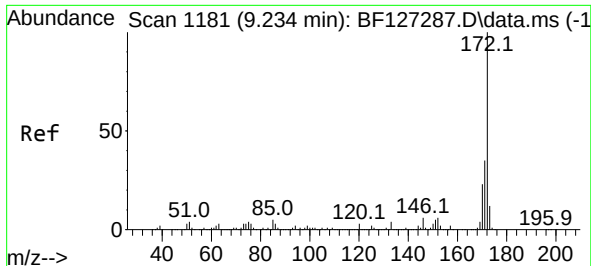
Ion Ratio Lower Upper

330 100

332 97.3 76.0 114.0

141 33.2 30.1 45.1

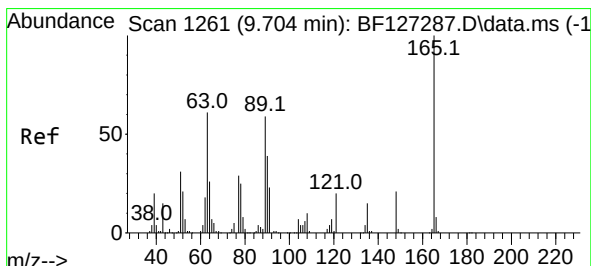
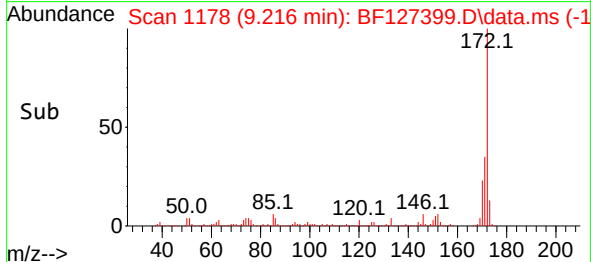
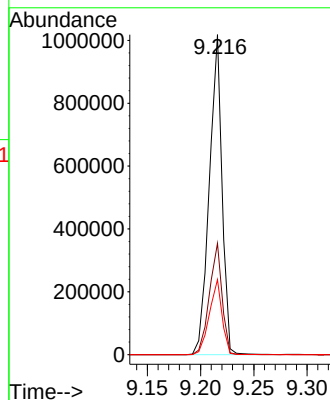
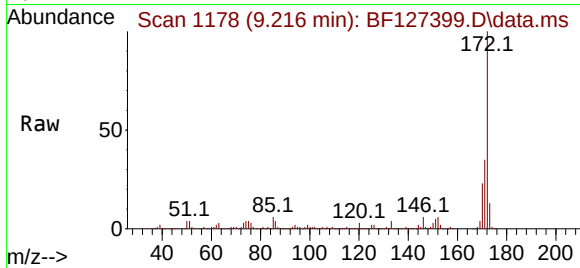




#45
2-Fluorobiphenyl
Concen: 93.225 ng
RT: 9.216 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF127399.D
Acq: 18 Mar 2022 18:49

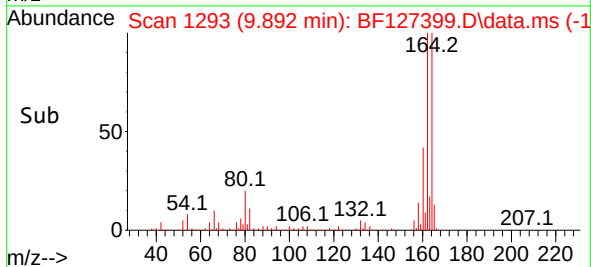
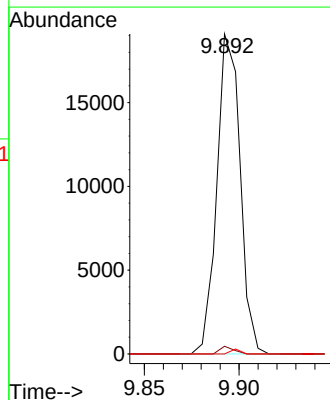
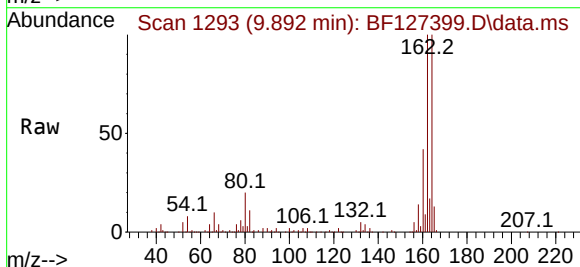
Instrument :
BNA_F
ClientSampleId :
PPSP-B13-33.0-33.5

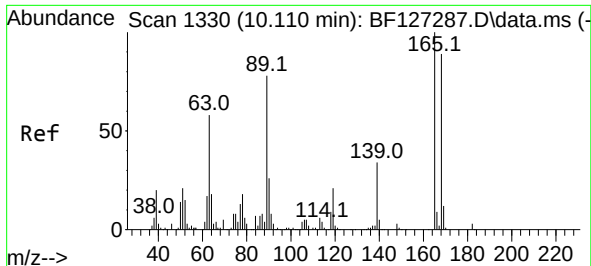
Tgt Ion:172 Resp: 847229
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.4 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.754 ng
RT: 9.892 min Scan# 1293
Delta R.T. 0.200 min
Lab File: BF127399.D
Acq: 18 Mar 2022 18:49

Tgt Ion:165 Resp: 16303
Ion Ratio Lower Upper
165 100
63 2.4 48.4 72.6#
89 0.0 50.5 75.7#

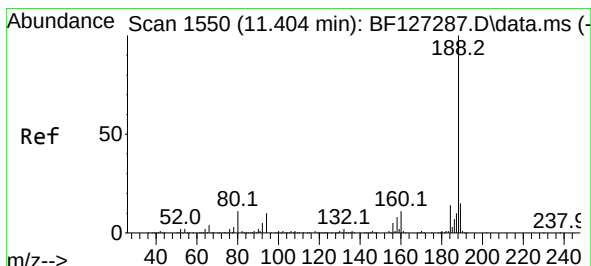
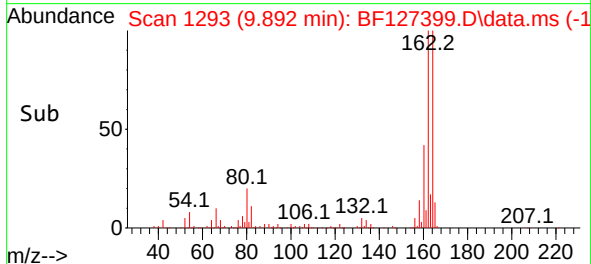
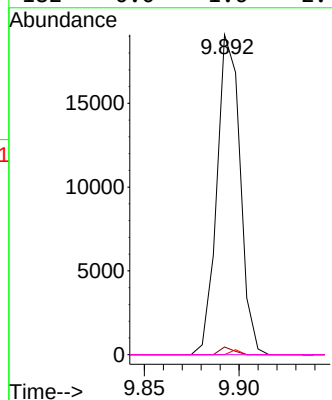
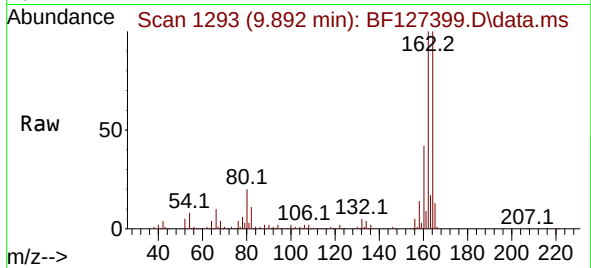




#57
2,4-Dinitrotoluene
Concen: 6.653 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF127399.D
Acq: 18 Mar 2022 18:49

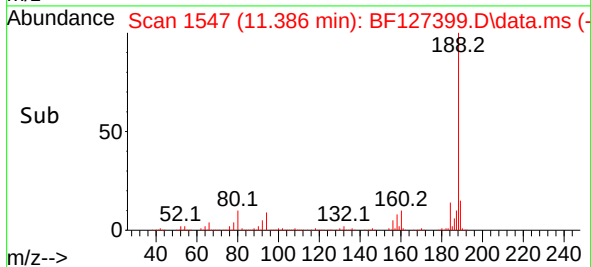
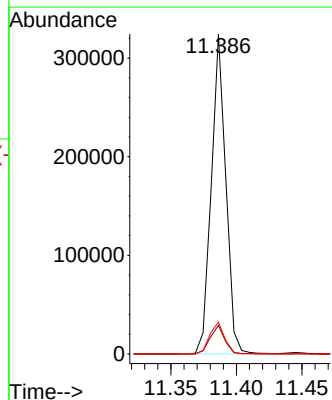
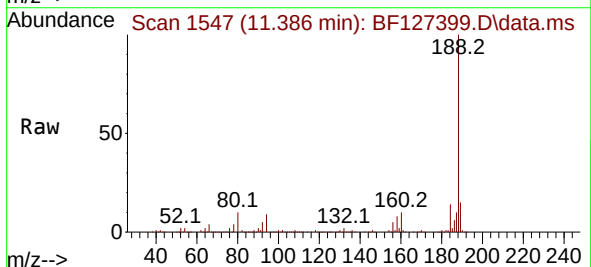
Instrument :
BNA_F
ClientSampleId :
PPSP-B13-33.0-33.5

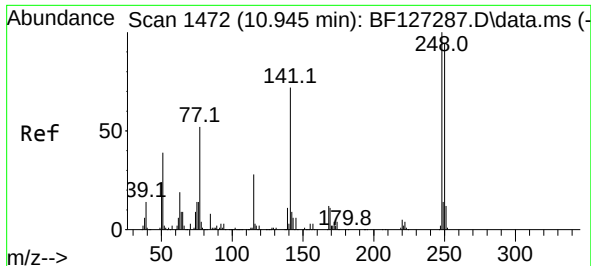
Tgt Ion:165 Resp: 16303
Ion Ratio Lower Upper
165 100
63 2.4 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF127399.D
Acq: 18 Mar 2022 18:49

Tgt Ion:188 Resp: 250288
Ion Ratio Lower Upper
188 100
94 9.0 10.1 15.1#
80 9.9 11.8 17.6#





#67

4-Bromophenyl-phenylether

Concen: 4.496 ng

RT: 10.692 min Scan# 1472

Delta R.T. -0.241 min

Lab File: BF127399.D

Acq: 18 Mar 2022 18:49

Instrument :

BNA_F

ClientSampleId :

PPSP-B13-33.0-33.5

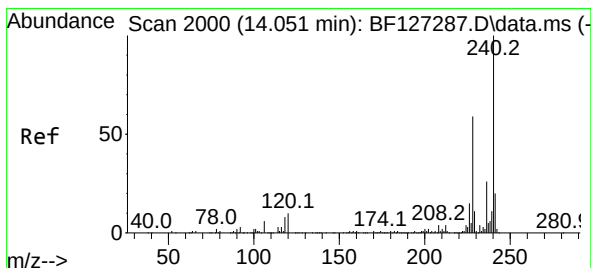
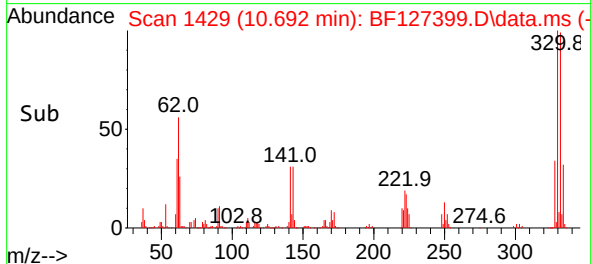
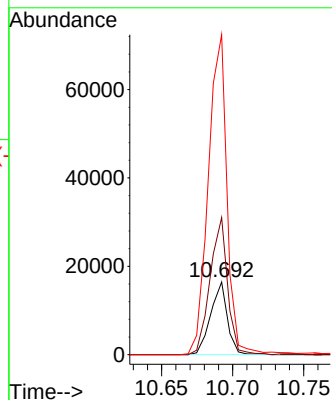
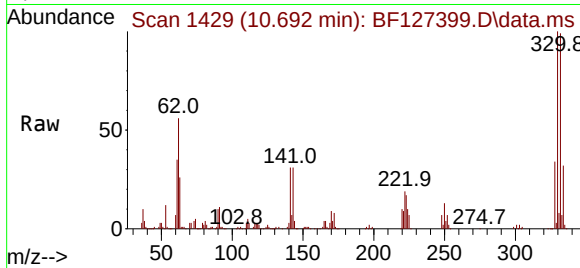
Tgt Ion:248 Resp: 13566

Ion Ratio Lower Upper

248 100

250 188.9 76.2 114.4#

141 440.7 66.2 99.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 1997

Delta R.T. -0.012 min

Lab File: BF127399.D

Acq: 18 Mar 2022 18:49

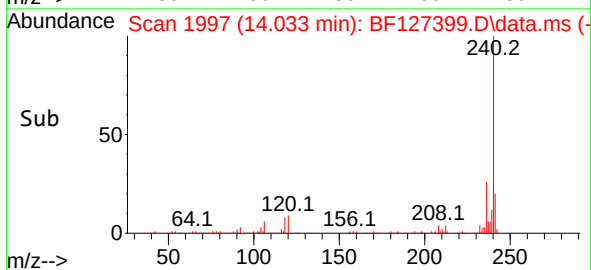
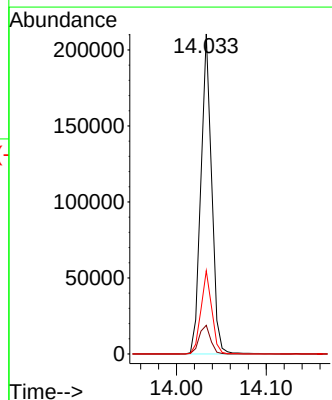
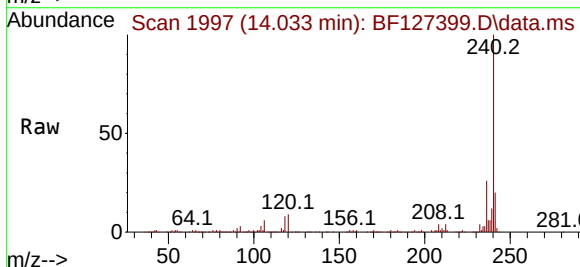
Tgt Ion:240 Resp: 175385

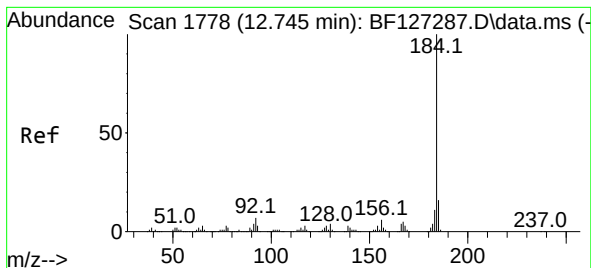
Ion Ratio Lower Upper

240 100

120 8.9 14.4 21.6#

236 26.0 20.5 30.7





#77

Benzidine

Concen: 2.987 ng

RT: 12.974 min Scan# 1817

Delta R.T. 0.241 min

Lab File: BF127399.D

Acq: 18 Mar 2022 18:49

Instrument :

BNA_F

ClientSampleId :

PPSP-B13-33.0-33.5

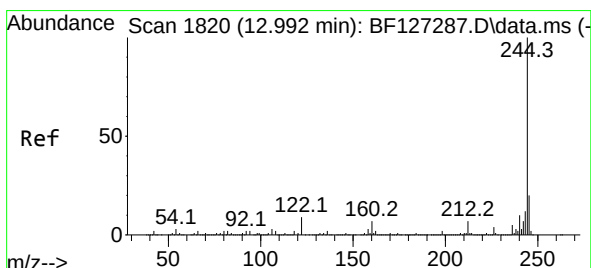
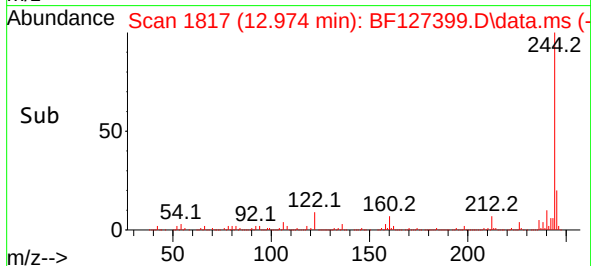
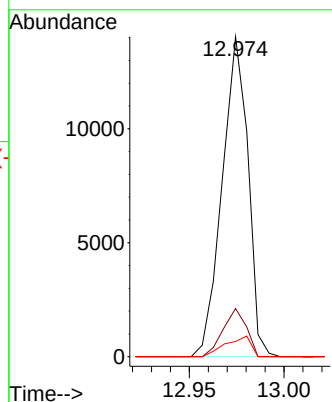
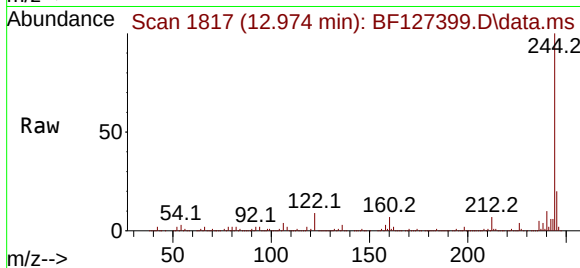
Tgt Ion:184 Resp: 13321

Ion Ratio Lower Upper

184 100

185 15.1 11.8 17.8

183 4.8 8.2 12.2#



#79

Terphenyl-d14

Concen: 96.900 ng

RT: 12.974 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF127399.D

Acq: 18 Mar 2022 18:49

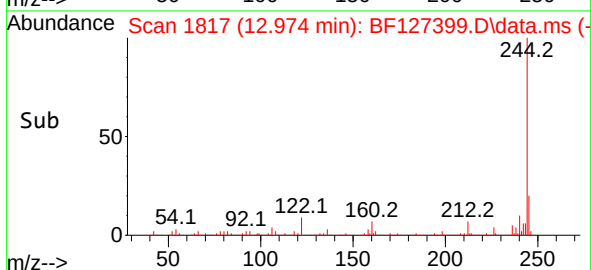
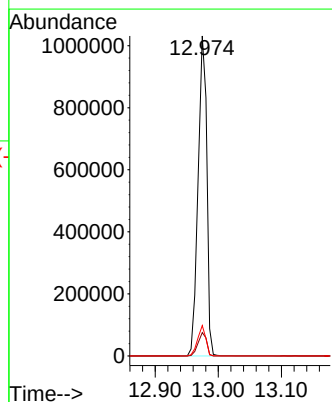
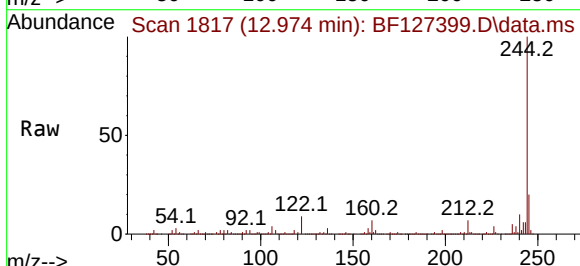
Tgt Ion:244 Resp: 986955

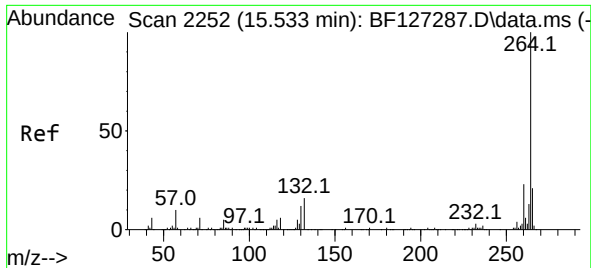
Ion Ratio Lower Upper

244 100

212 7.3 5.0 7.4

122 9.5 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127399.D
 Acq: 18 Mar 2022 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B13-33.0-33.5

Tgt Ion:264 Resp: 156685
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 20.9 17.4 26.2

