

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127401.D
 Acq On : 18 Mar 2022 19:49
 Operator : CG\JU
 Sample : N1709-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B17-15.5-16.0

Quant Time: Mar 19 01:52:54 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)

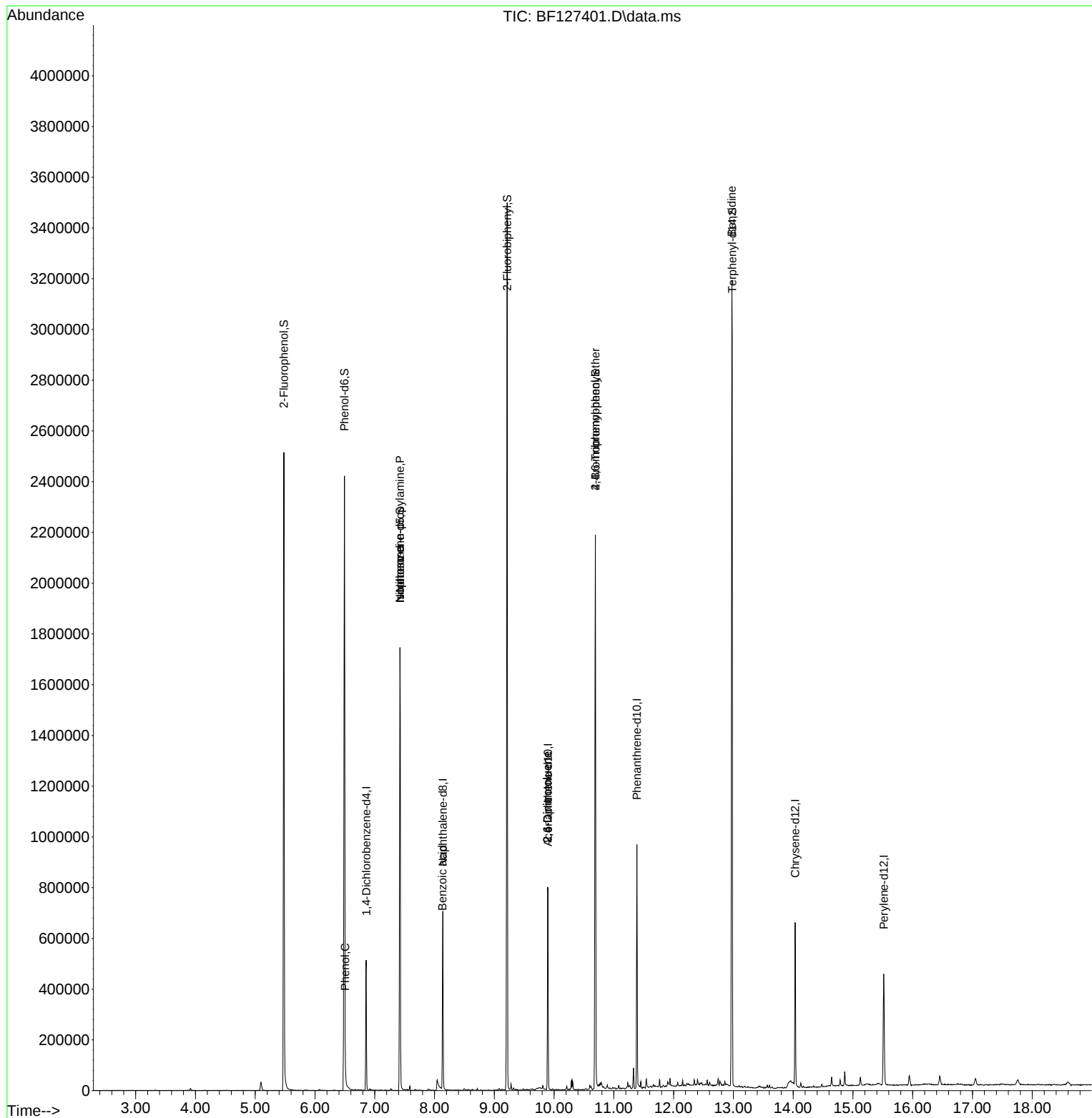
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	74098	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	277979	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	164885	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	309753	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	211530	20.000	ng	#-0.01
86) Perylene-d12	15.515	264	189994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	594942	129.073	ng	0.00
7) Phenol-d6	6.492	99	832067	131.223	ng	0.00
23) Nitrobenzene-d5	7.422	82	579435	86.084	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	251140	141.489	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1005458	86.212	ng	0.00
79) Terphenyl-d14	12.980	244	1260113	102.579	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.445	77	64	Below Cal	#	49
10) Phenol	6.504	94	16765	2.407	ng	79
19) n-Nitroso-di-n-propyla...	7.422	70	79161	20.006	ng	# 87
25) Isophorone	7.422	82	579429	53.535	ng	# 69
32) Benzoic acid	8.134	122	55	6.640	ng	# 1
51) 2,6-Dinitrotoluene	9.892	165	21451	8.975	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	21451	6.822	ng	# 15
67) 4-Bromophenyl-phenylether	10.692	248	16950	4.539	ng	# 1
77) Benzidine	12.974	184	16321	3.034	ng	# 92

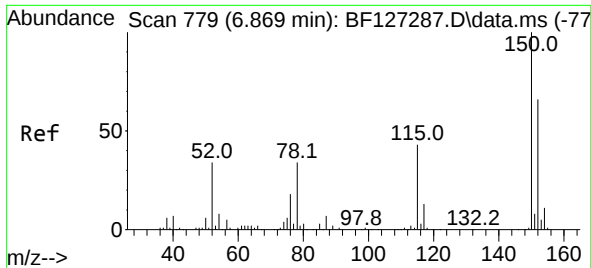
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 19 01:52:54 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

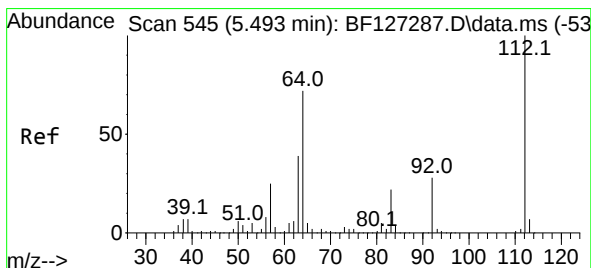
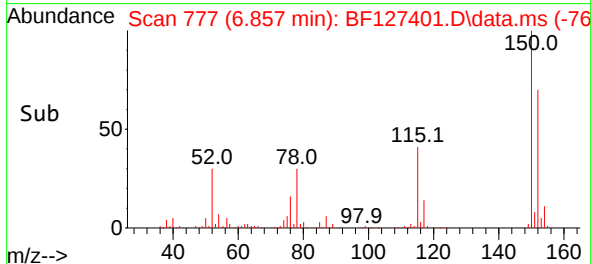
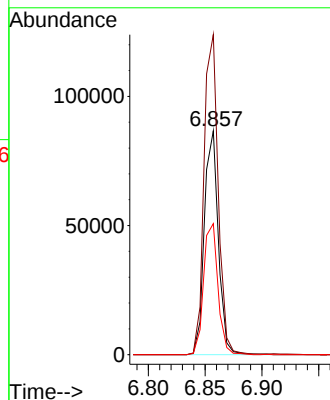
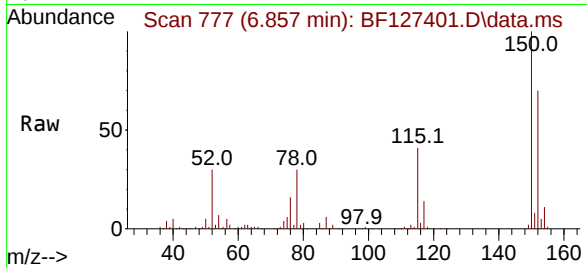




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF127401.D
 Acq: 18 Mar 2022 19:49

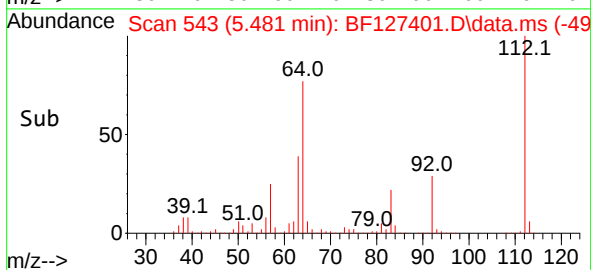
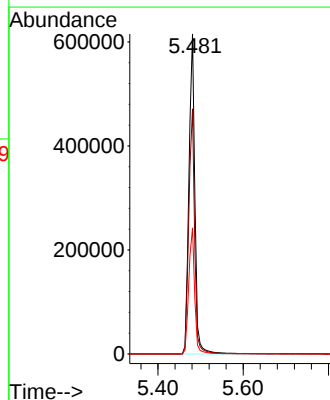
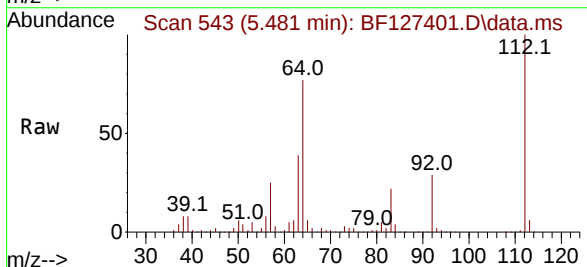
Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B17-15.5-16.0

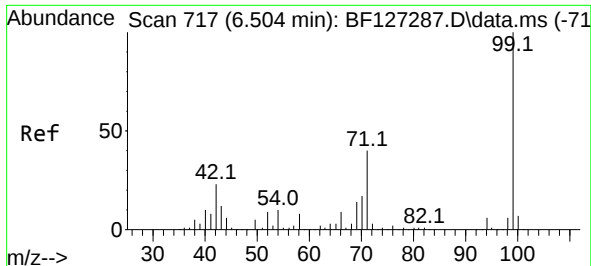
Tgt Ion:152 Resp: 74098
 Ion Ratio Lower Upper
 152 100
 150 143.0 128.1 192.1
 115 58.6 56.7 85.1



#5
 2-Fluorophenol
 Concen: 129.073 ng
 RT: 5.481 min Scan# 543
 Delta R.T. 0.000 min
 Lab File: BF127401.D
 Acq: 18 Mar 2022 19:49

Tgt Ion:112 Resp: 594942
 Ion Ratio Lower Upper
 112 100
 64 76.6 49.5 74.3#
 63 39.4 23.9 35.9#





#7

Phenol-d6

Concen: 131.223 ng

RT: 6.492 min Scan# 717

Delta R.T. -0.006 min

Lab File: BF127401.D

Acq: 18 Mar 2022 19:49

Instrument :

BNA_F

ClientSampleId :

PPSP-B17-15.5-16.0

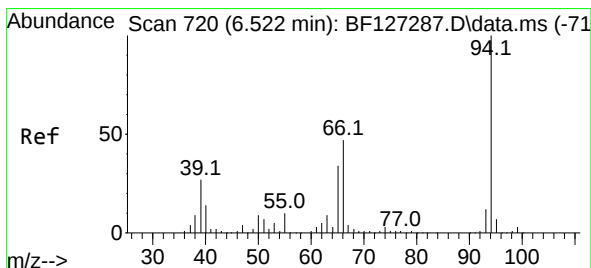
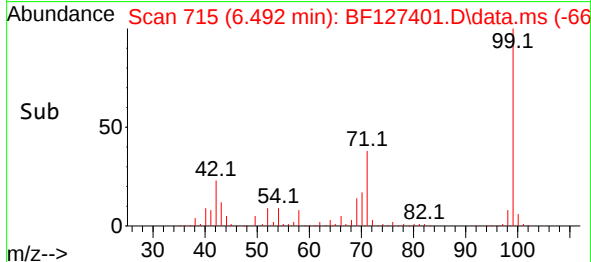
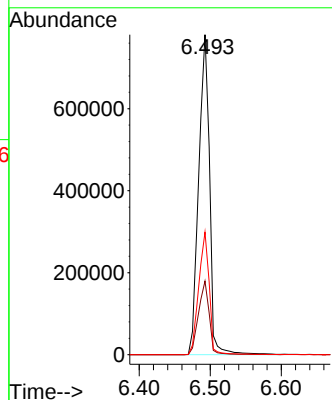
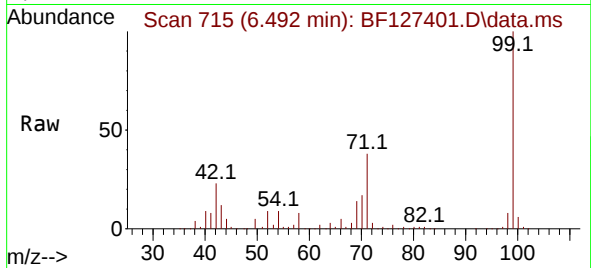
Tgt Ion: 99 Resp: 832067

Ion Ratio Lower Upper

99 100

42 23.0 14.2 21.4#

71 38.3 24.3 36.5#



#10

Phenol

Concen: 2.407 ng

RT: 6.504 min Scan# 717

Delta R.T. -0.012 min

Lab File: BF127401.D

Acq: 18 Mar 2022 19:49

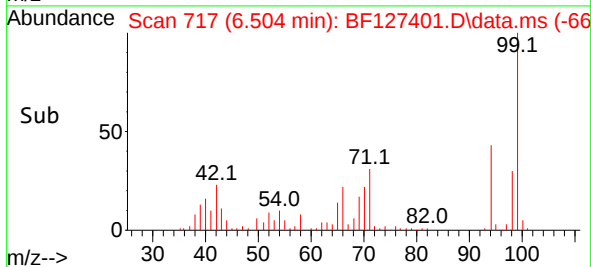
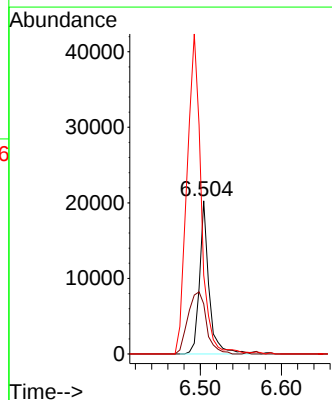
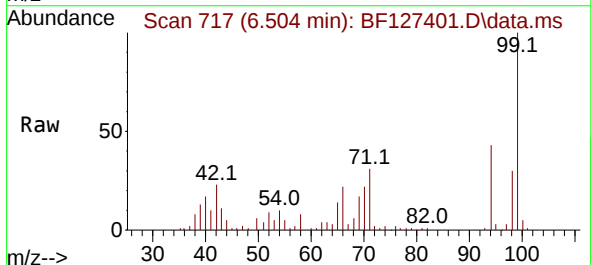
Tgt Ion: 94 Resp: 16765

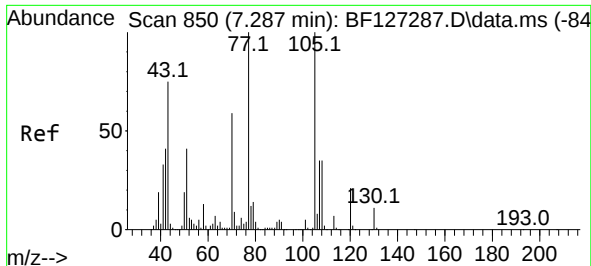
Ion Ratio Lower Upper

94 100

65 32.8 7.2 47.2

66 51.5 14.5 54.5





#19

n-Nitroso-di-n-propylamine

Concen: 20.006 ng

RT: 7.422 min Scan# 81

Delta R.T. 0.141 min

Lab File: BF127401.D

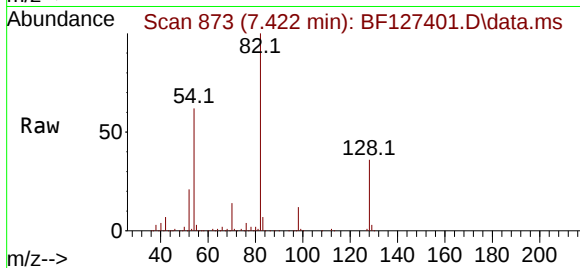
Acq: 18 Mar 2022 19:49

Instrument :

BNA_F

ClientSampleId :

PPSP-B17-15.5-16.0



Tgt Ion: 70 Resp: 79161

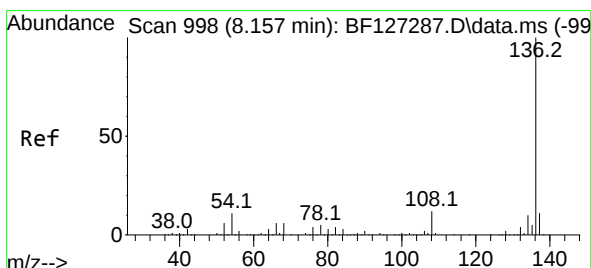
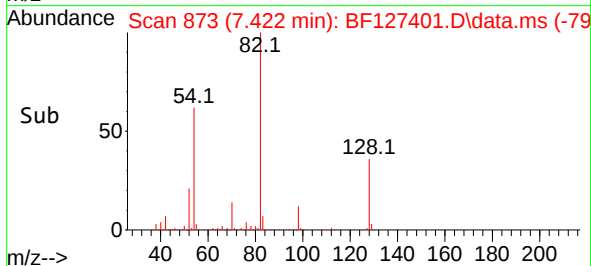
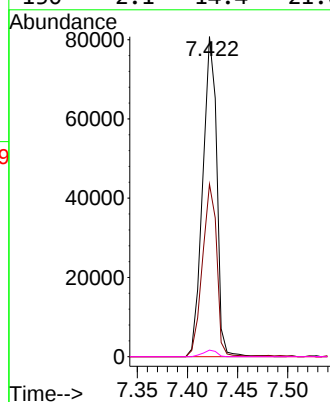
Ion Ratio Lower Upper

70 100

42 53.9 45.8 68.8

101 0.0 6.9 10.3#

130 2.1 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: BF127401.D

Acq: 18 Mar 2022 19:49

Tgt Ion: 136 Resp: 277979

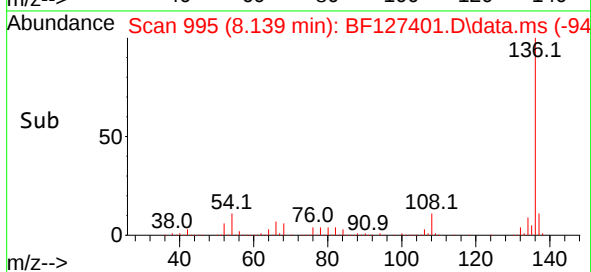
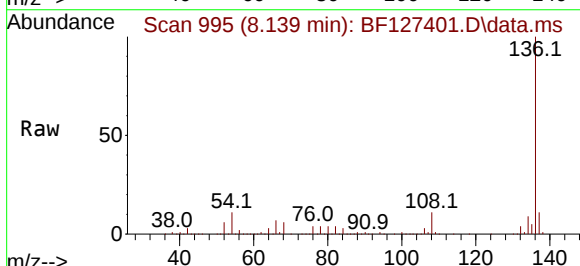
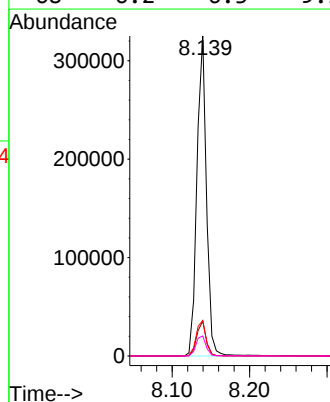
Ion Ratio Lower Upper

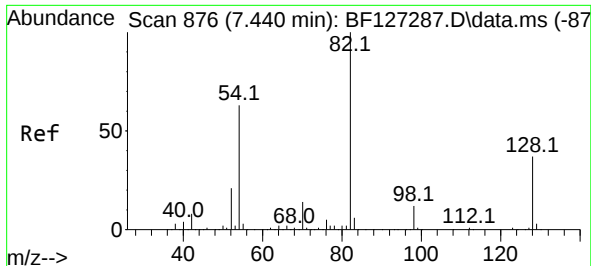
136 100

137 10.8 8.6 13.0

54 11.1 7.8 11.6

68 6.2 6.3 9.5#

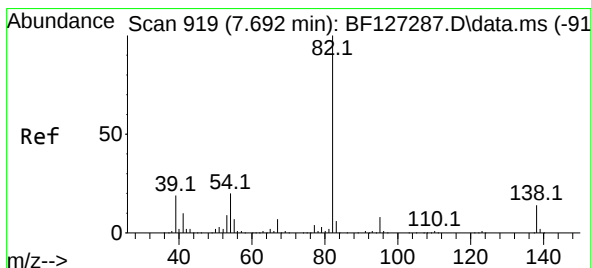
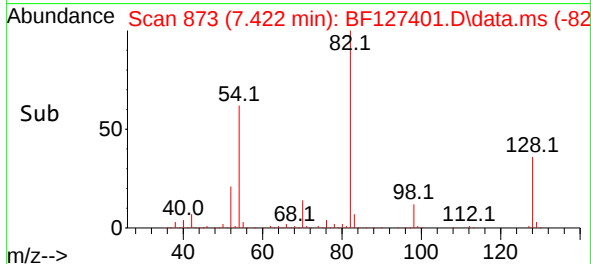
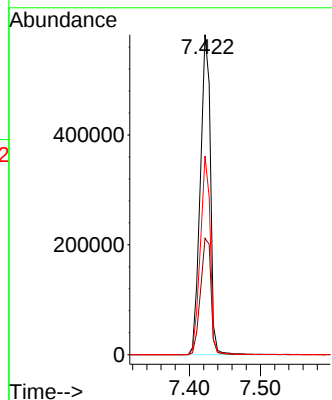
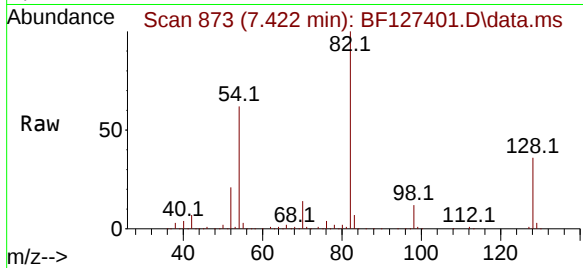




#23
Nitrobenzene-d5
Concen: 86.084 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127401.D
Acq: 18 Mar 2022 19:49

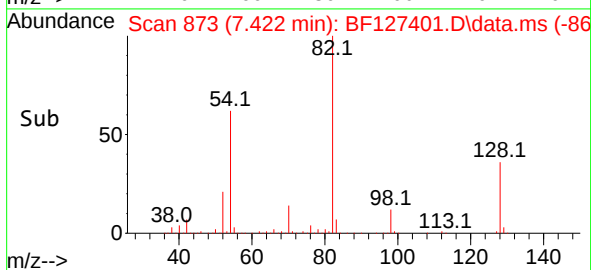
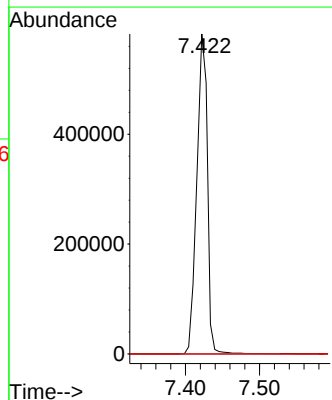
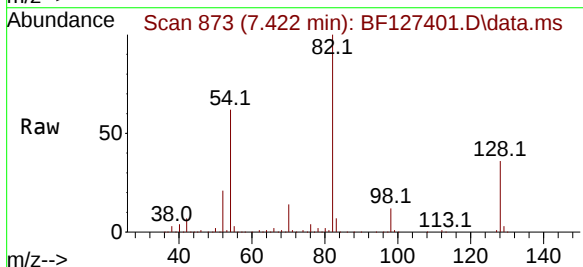
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-15.5-16.0

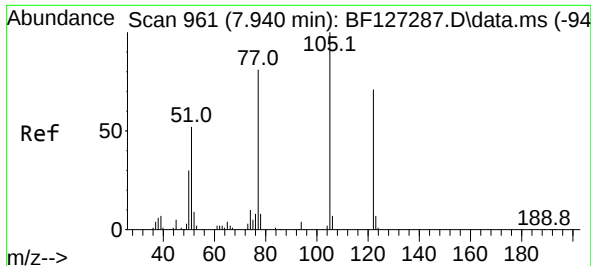
Tgt Ion: 82 Resp: 579435
Ion Ratio Lower Upper
82 100
128 36.4 32.7 49.1
54 62.1 41.7 62.5



#25
Isophorone
Concen: 53.535 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.265 min
Lab File: BF127401.D
Acq: 18 Mar 2022 19:49

Tgt Ion: 82 Resp: 579429
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

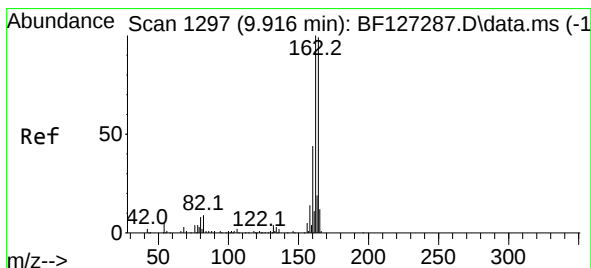
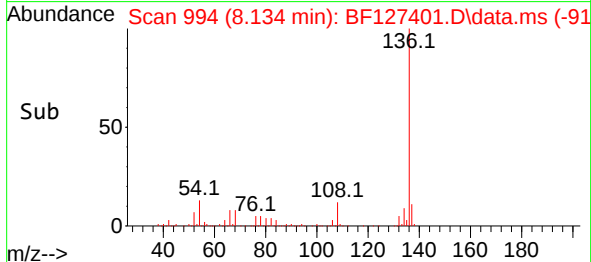
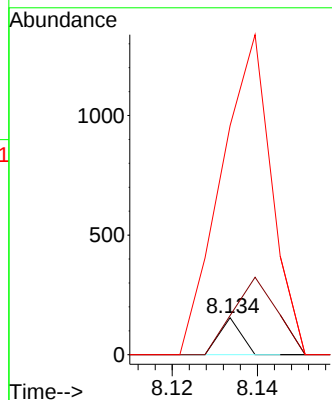
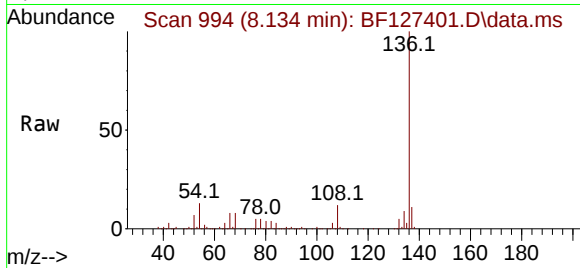




#32
Benzoic acid
Concen: 6.640 ng
RT: 8.134 min Scan# 91
Delta R.T. 0.182 min
Lab File: BF127401.D
Acq: 18 Mar 2022 19:49

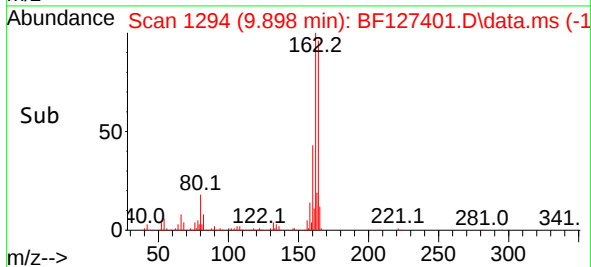
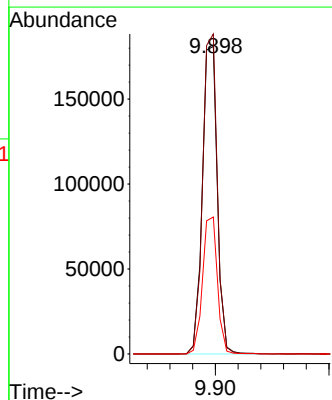
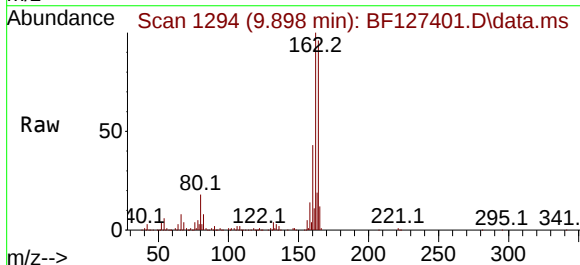
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-15.5-16.0

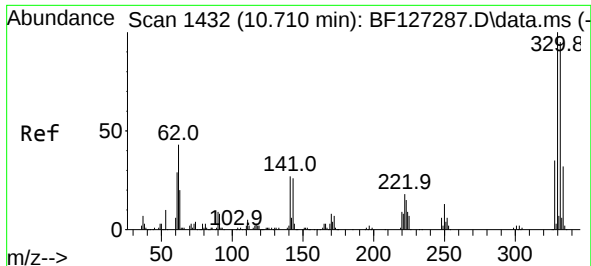
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 105.8 101.0 141.0
77 618.1 74.5 114.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF127401.D
Acq: 18 Mar 2022 19:49

Tgt Ion:164 Resp: 164885
Ion Ratio Lower Upper
164 100
162 104.1 81.4 122.0
160 44.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 141.489 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF127401.D

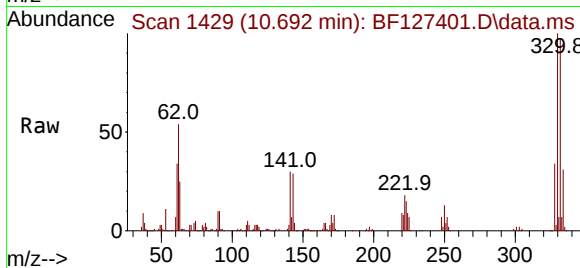
Acq: 18 Mar 2022 19:49

Instrument :

BNA_F

ClientSampleId :

PPSP-B17-15.5-16.0



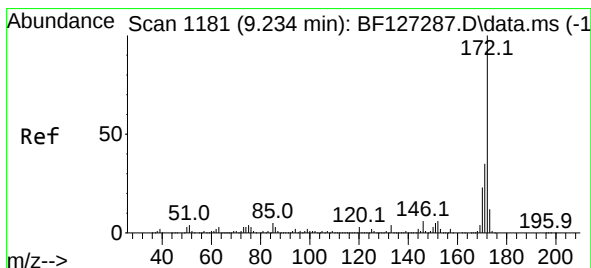
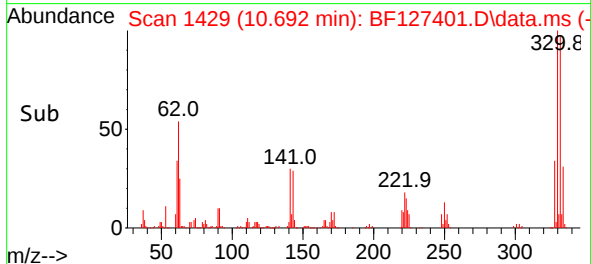
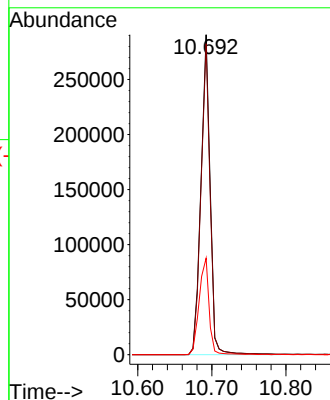
Tgt Ion:330 Resp: 251140

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

141 32.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 86.212 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF127401.D

Acq: 18 Mar 2022 19:49

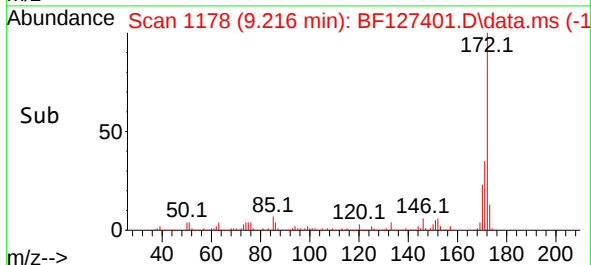
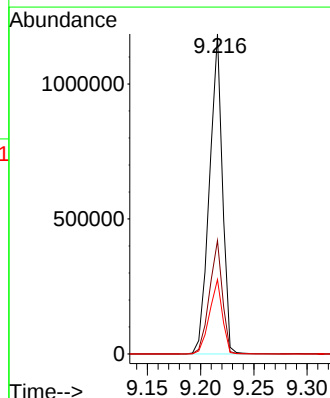
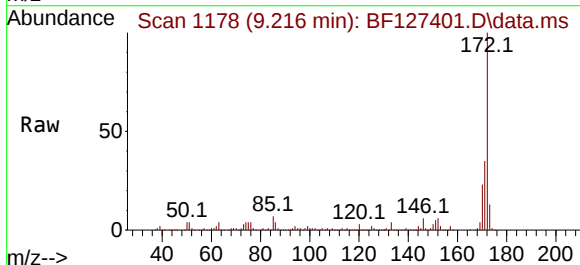
Tgt Ion:172 Resp: 1005458

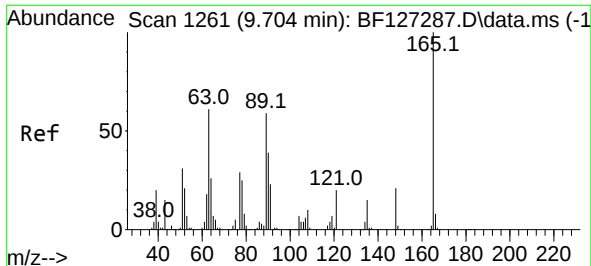
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.975 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF127401.D

Acq: 18 Mar 2022 19:49

Instrument :

BNA_F

ClientSampleId :

PPSP-B17-15.5-16.0

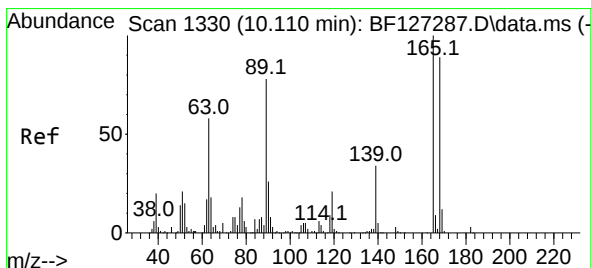
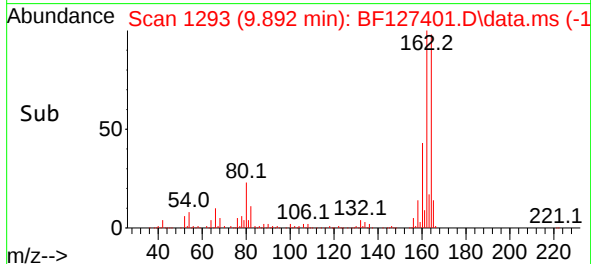
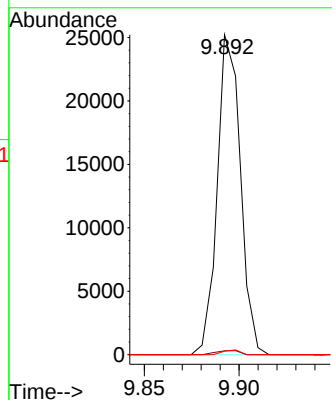
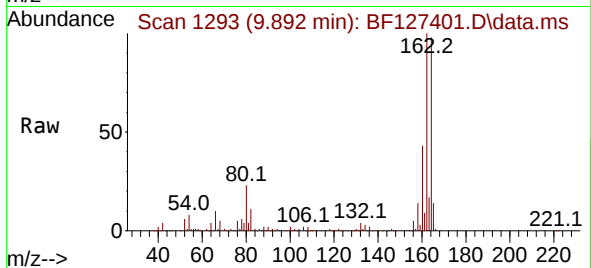
Tgt Ion:165 Resp: 21451

Ion Ratio Lower Upper

165 100

63 1.2 48.4 72.6#

89 1.1 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.822 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.212 min

Lab File: BF127401.D

Acq: 18 Mar 2022 19:49

Tgt Ion:165 Resp: 21451

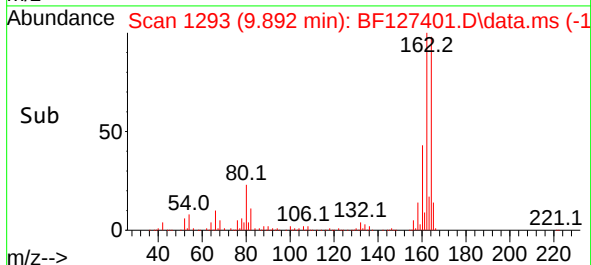
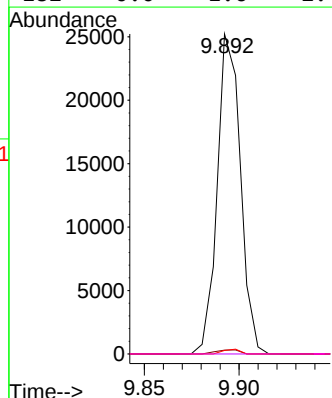
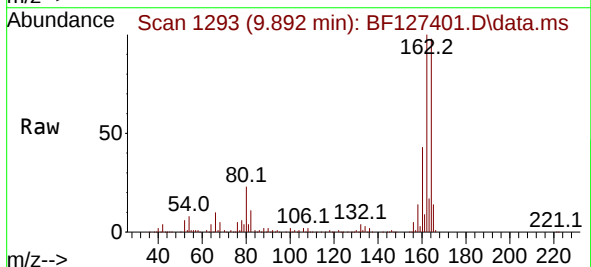
Ion Ratio Lower Upper

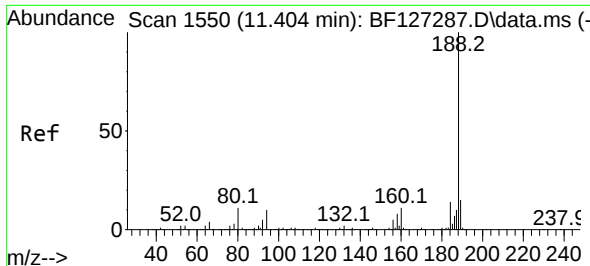
165 100

63 1.2 43.0 64.6#

89 1.1 71.0 106.4#

182 0.0 1.6 2.4#

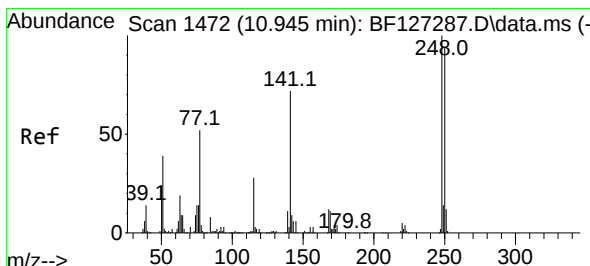
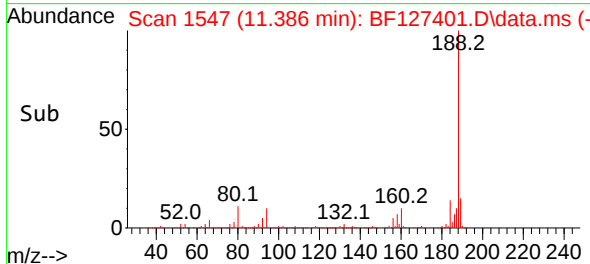
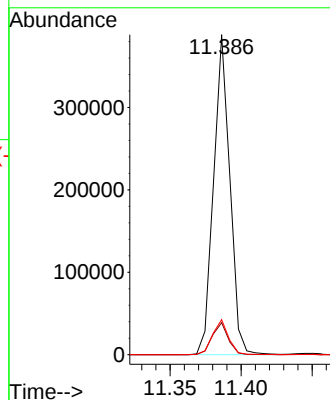
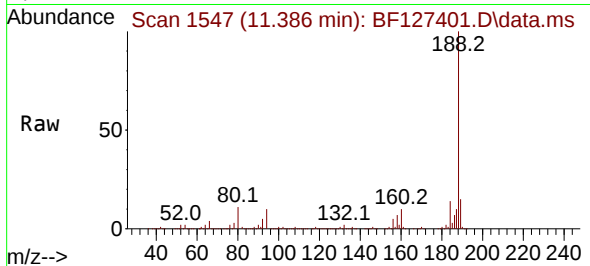




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127401.D
Acq: 18 Mar 2022 19:49

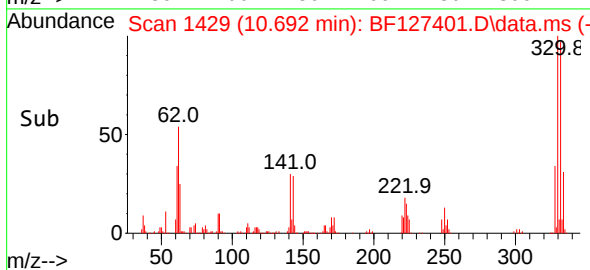
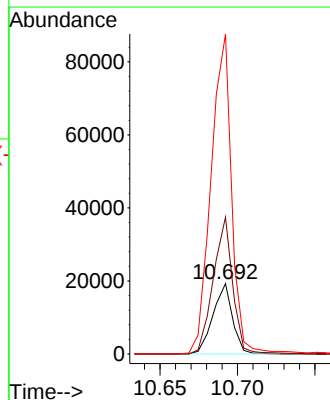
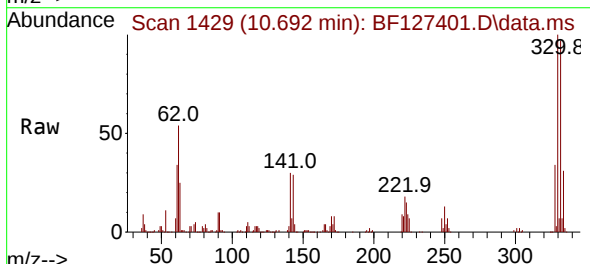
Instrument :
BNA_F
ClientSampleId :
PPSP-B17-15.5-16.0

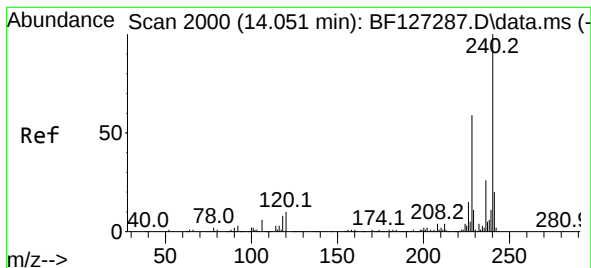
Tgt Ion:188 Resp: 309753
Ion Ratio Lower Upper
188 100
94 10.0 10.1 15.1#
80 10.9 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.539 ng
RT: 10.692 min Scan# 1429
Delta R.T. -0.241 min
Lab File: BF127401.D
Acq: 18 Mar 2022 19:49

Tgt Ion:248 Resp: 16950
Ion Ratio Lower Upper
248 100
250 194.2 76.2 114.4#
141 454.0 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF127401.D

Acq: 18 Mar 2022 19:49

Instrument :

BNA_F

ClientSampleId :

PPSP-B17-15.5-16.0

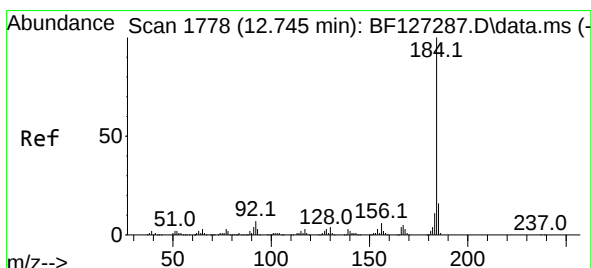
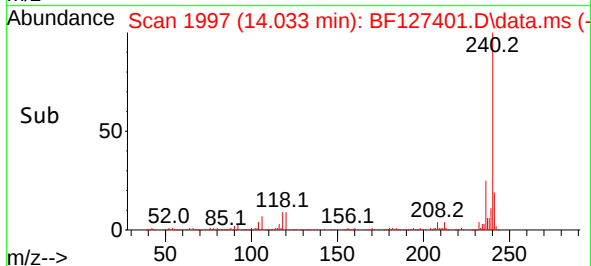
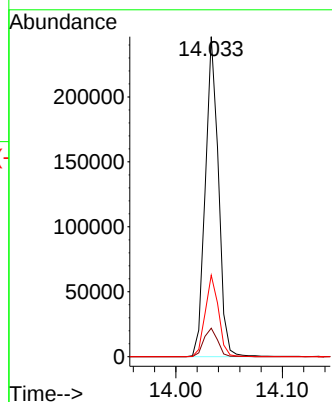
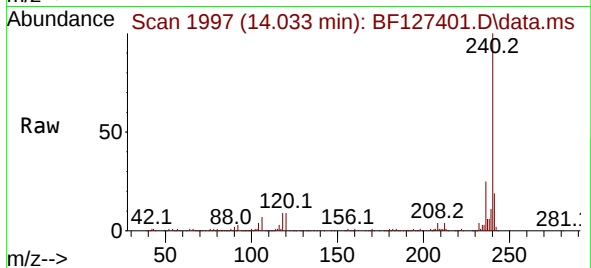
Tgt Ion:240 Resp: 211530

Ion Ratio Lower Upper

240 100

120 8.9 14.4 21.6#

236 25.4 20.5 30.7



#77

Benzidine

Concen: 3.034 ng

RT: 12.974 min Scan# 1817

Delta R.T. 0.241 min

Lab File: BF127401.D

Acq: 18 Mar 2022 19:49

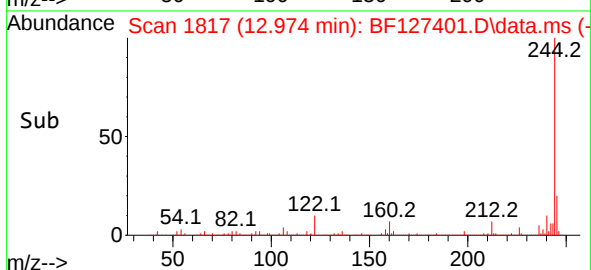
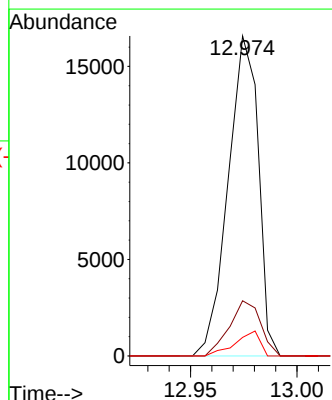
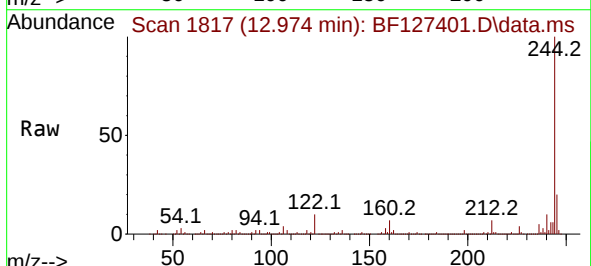
Tgt Ion:184 Resp: 16321

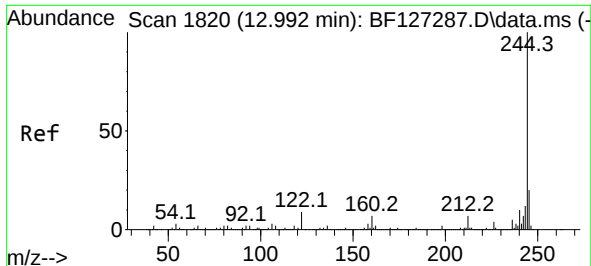
Ion Ratio Lower Upper

184 100

185 17.3 11.8 17.8

183 5.8 8.2 12.2#

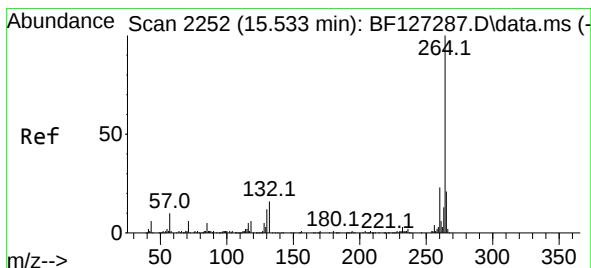
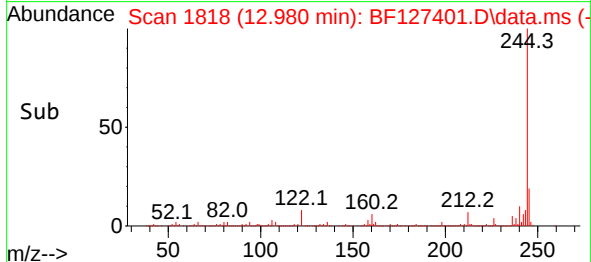
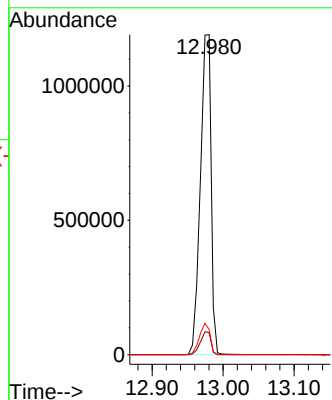
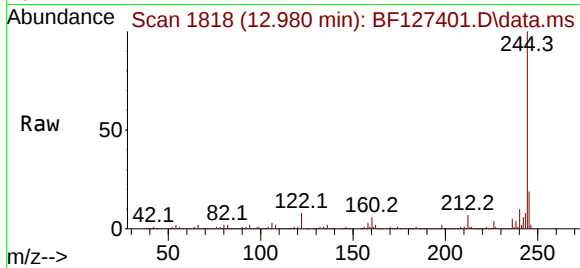




#79
 Terphenyl-d14
 Concen: 102.579 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF127401.D
 Acq: 18 Mar 2022 19:49

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B17-15.5-16.0

Tgt Ion:244 Resp: 1260113
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 7.9 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2249
 Delta R.T. -0.006 min
 Lab File: BF127401.D
 Acq: 18 Mar 2022 19:49

Tgt Ion:264 Resp: 189994
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 21.4 17.4 26.2

