

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127400.D
 Acq On : 18 Mar 2022 19:19
 Operator : CG\JU
 Sample : N1709-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B4-26.5-27.0

Quant Time: Mar 19 01:52:44 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)

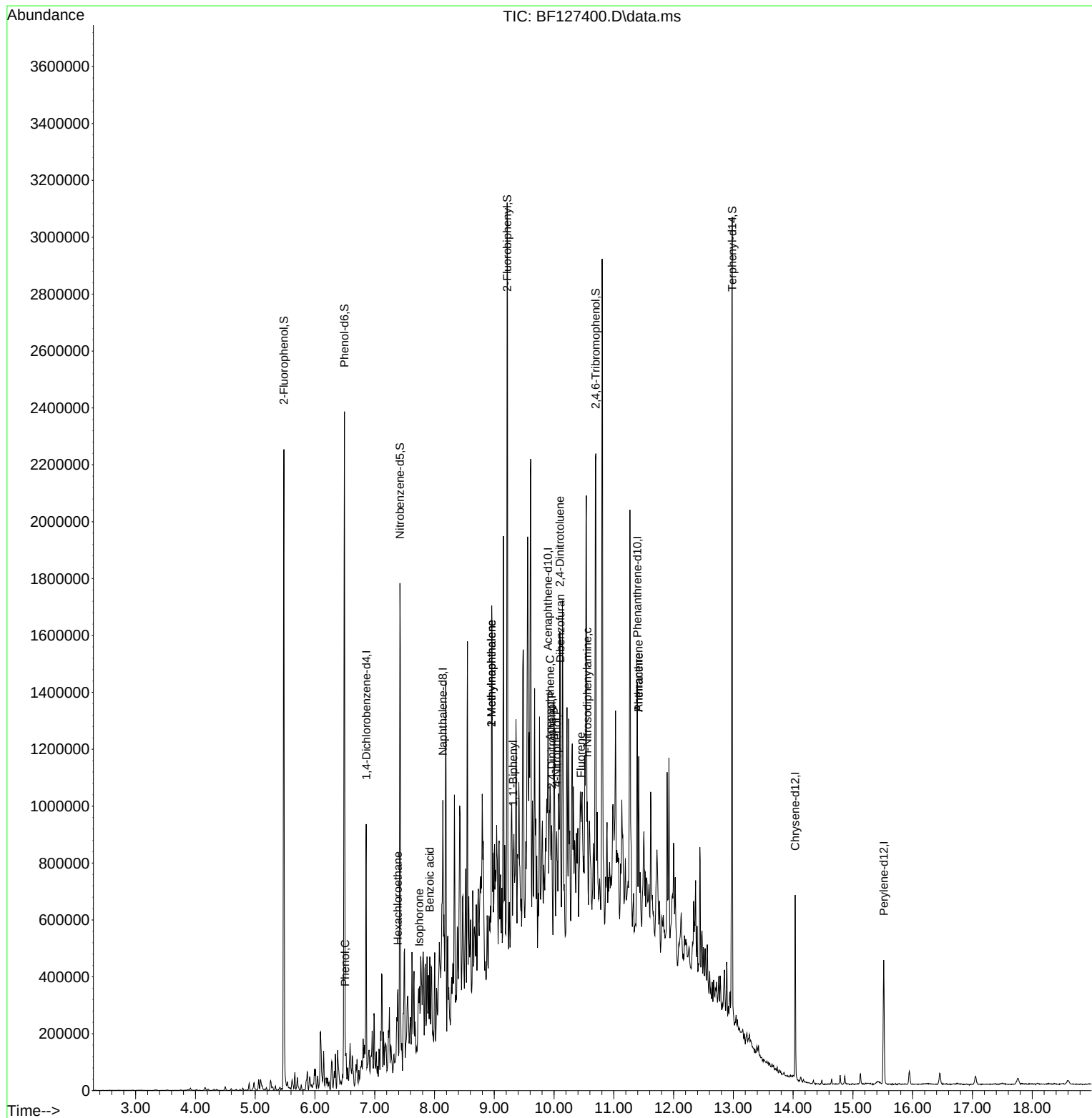
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	66902	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	242007	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	142836	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	266575	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	208143	20.000	ng	#-0.01
86) Perylene-d12	15.516	264	180302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	531026	127.598	ng	0.00
7) Phenol-d6	6.493	99	737024	128.737	ng	0.00
23) Nitrobenzene-d5	7.422	82	502696	85.784	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	206473	134.281	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	828764	82.031	ng	0.00
79) Terphenyl-d14	12.980	244	1081461	89.468	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	1097	Below Cal	#	24
10) Phenol	6.504	94	14970	2.380	ng	77
18) Hexachloroethane	7.387	117	9344	5.017	ng	# 1
25) Isophorone	7.745	82	21695	2.302	ng	# 64
32) Benzoic acid	7.922	122	1607	7.201	ng	# 8
37) 2-Methylnaphthalene	8.951	142	109675	13.002	ng	87
38) 1-Methylnaphthalene	8.951	142	109675	13.524	ng	92
46) 1,1'-Biphenyl	9.316	154	63128	5.856	ng	99
52) Acenaphthene	9.934	154	19435	2.539	ng	# 24
54) 2,4-Dinitrophenol	9.963	184	250	4.054	ng	# 1
55) Dibenzofuran	10.104	168	25465	2.141	ng	# 11
56) 4-Nitrophenol	10.045	139	2835	2.067	ng	# 37
57) 2,4-Dinitrotoluene	10.098	165	9970	3.660	ng	# 40
58) Fluorene	10.451	166	64104	6.951	ng	# 87
66) n-Nitrosodiphenylamine	10.557	169	63215	7.636	ng	# 52
71) Phenanthrene	11.416	178	201621	14.328	ng	96
72) Anthracene	11.416	178	201621	14.467	ng	95

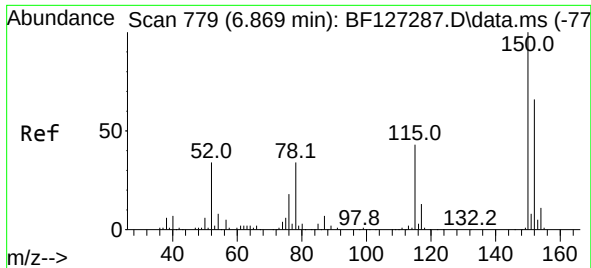
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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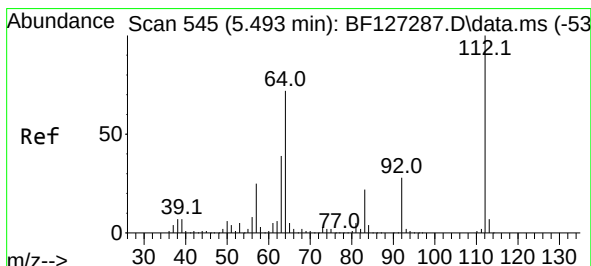
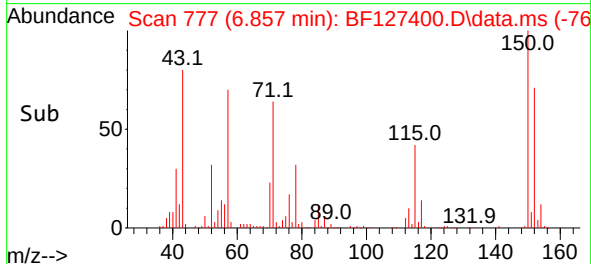
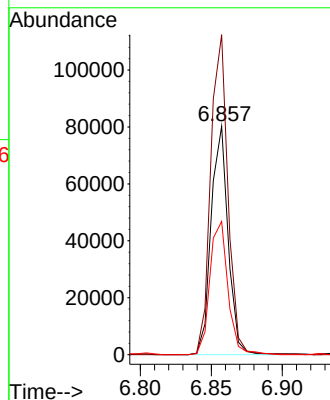
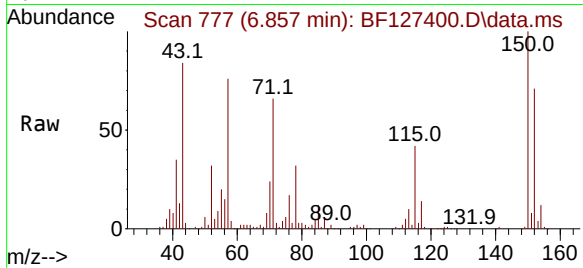




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

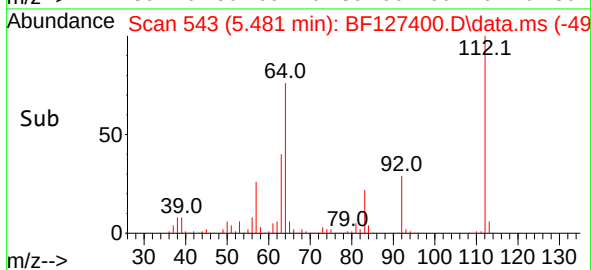
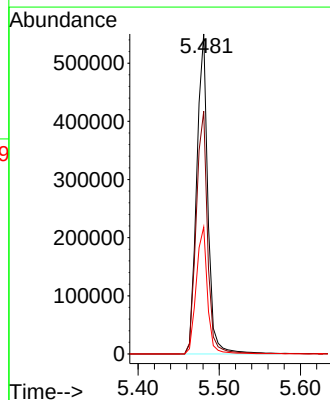
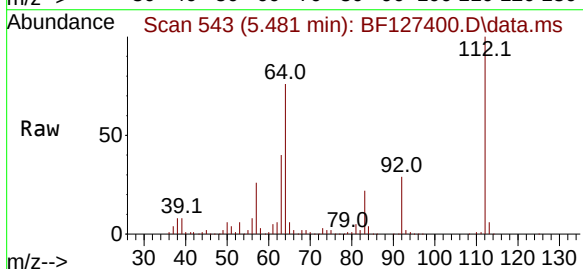
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-26.5-27.0

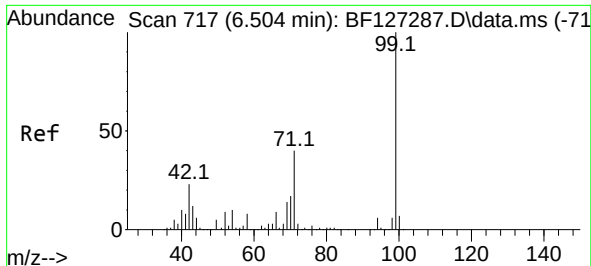
Tgt Ion:152 Resp: 66902
Ion Ratio Lower Upper
152 100
150 140.0 128.1 192.1
115 58.3 56.7 85.1



#5
2-Fluorophenol
Concen: 127.598 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.000 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

Tgt Ion:112 Resp: 531026
Ion Ratio Lower Upper
112 100
64 75.9 49.5 74.3#
63 39.6 23.9 35.9#





#7

Phenol-d6

Concen: 128.737 ng

RT: 6.493 min Scan# 717

Delta R.T. -0.006 min

Lab File: BF127400.D

Acq: 18 Mar 2022 19:19

Instrument :

BNA_F

ClientSampleId :

PPSP-B4-26.5-27.0

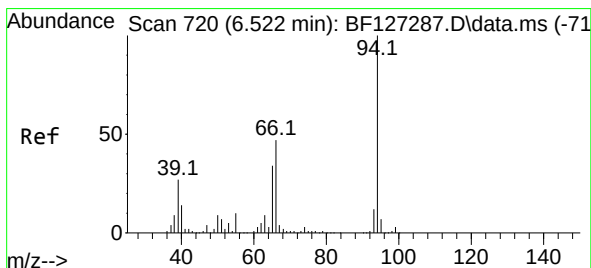
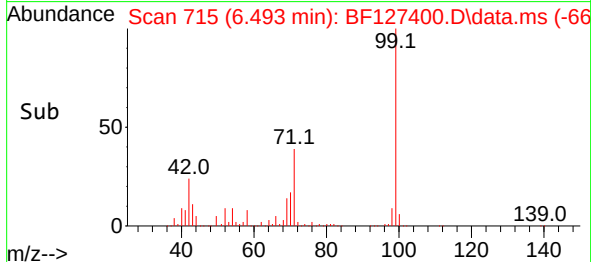
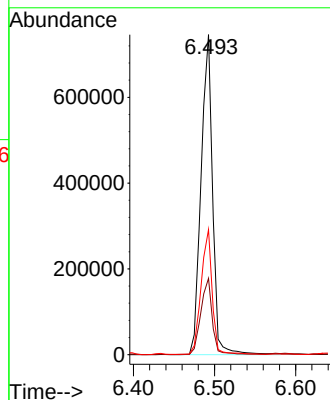
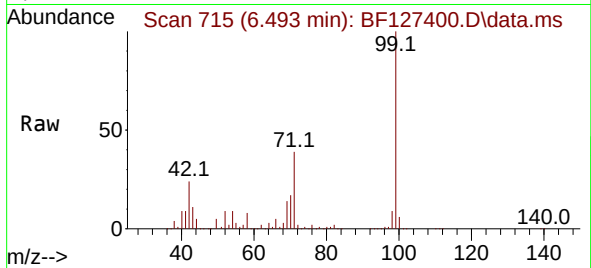
Tgt Ion: 99 Resp: 737024

Ion Ratio Lower Upper

99 100

42 23.9 14.2 21.4#

71 39.1 24.3 36.5#



#10

Phenol

Concen: 2.380 ng

RT: 6.504 min Scan# 717

Delta R.T. -0.012 min

Lab File: BF127400.D

Acq: 18 Mar 2022 19:19

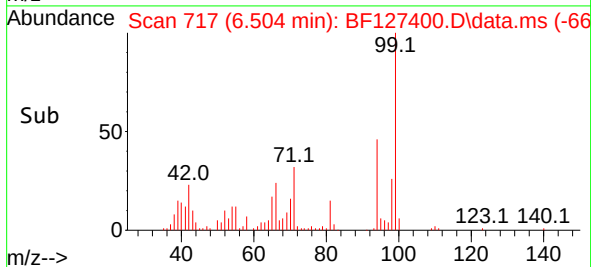
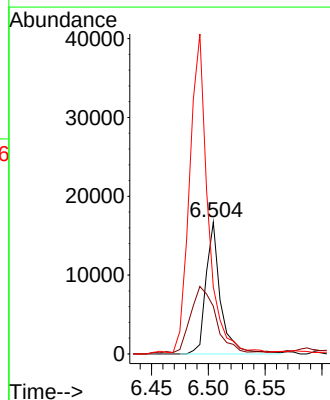
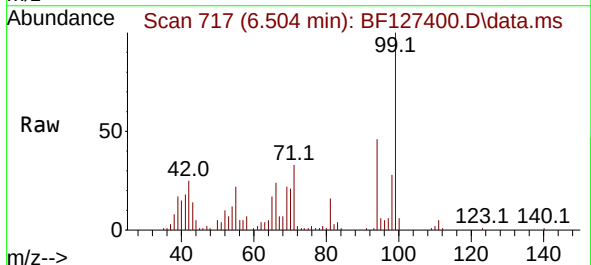
Tgt Ion: 94 Resp: 14970

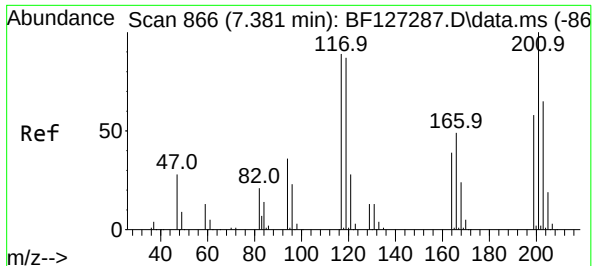
Ion Ratio Lower Upper

94 100

65 36.2 7.2 47.2

66 50.7 14.5 54.5

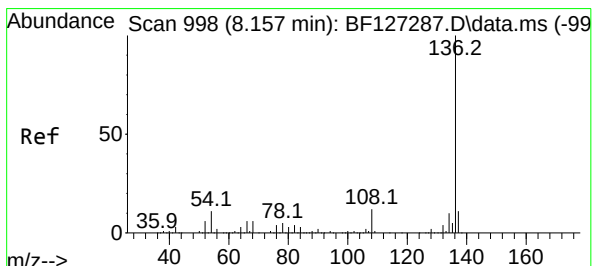
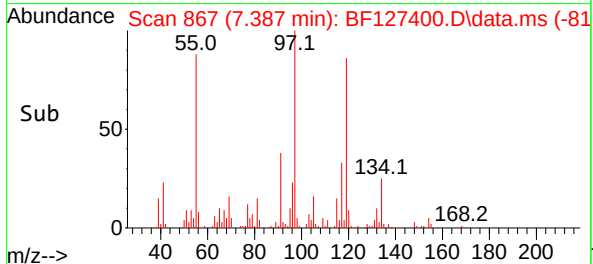
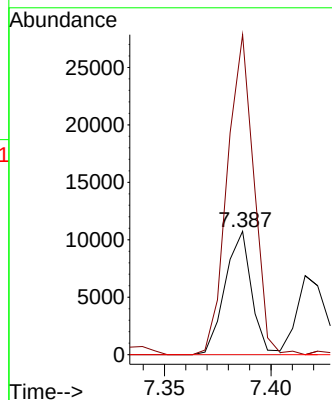
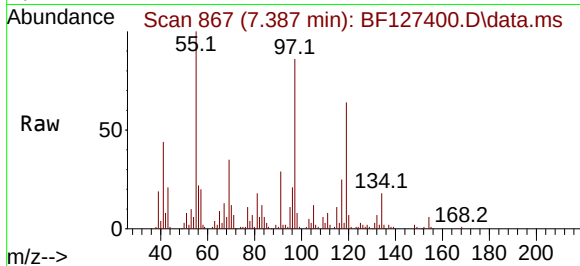




#18
Hexachloroethane
Concen: 5.017 ng
RT: 7.387 min Scan# 80
Delta R.T. 0.018 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

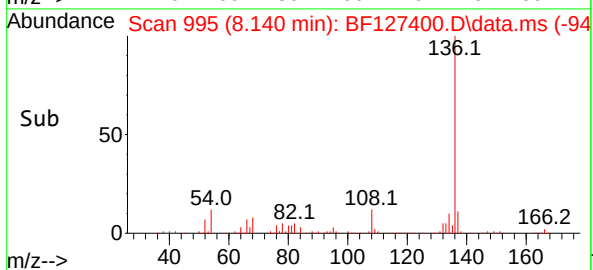
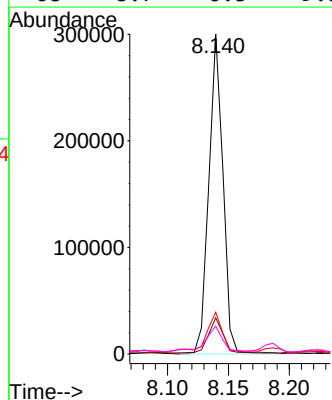
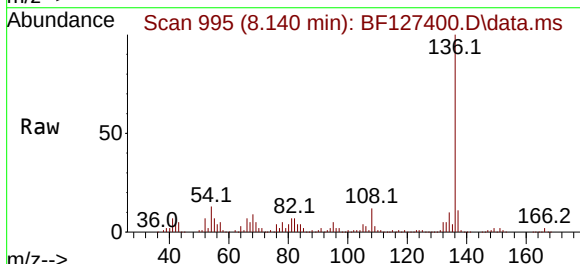
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-26.5-27.0

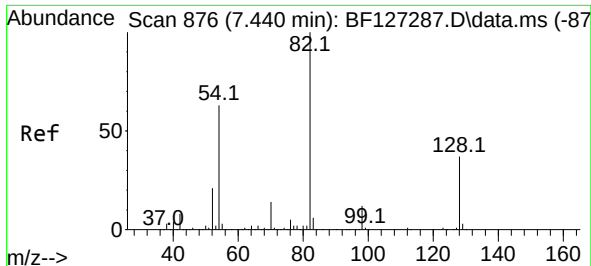
Tgt Ion:117 Resp: 9344
Ion Ratio Lower Upper
117 100
119 259.5 75.4 113.0#
201 0.0 56.8 85.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

Tgt Ion:136 Resp: 242007
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 13.1 7.8 11.6#
68 8.7 6.3 9.5





#23

Nitrobenzene-d5

Concen: 85.784 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127400.D

Acq: 18 Mar 2022 19:19

Instrument :

BNA_F

ClientSampleId :

PPSP-B4-26.5-27.0

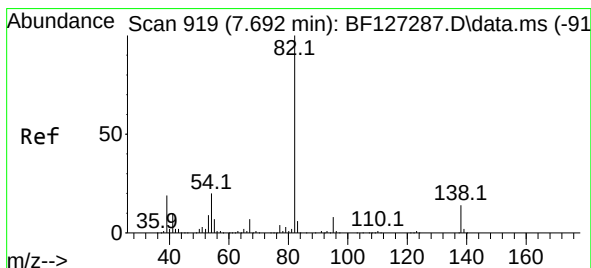
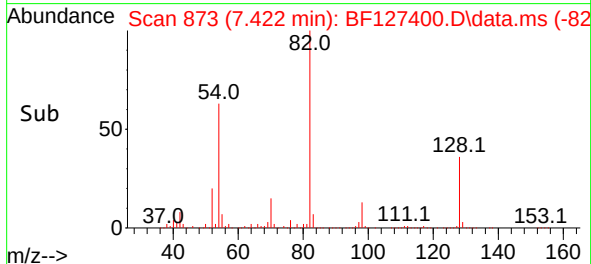
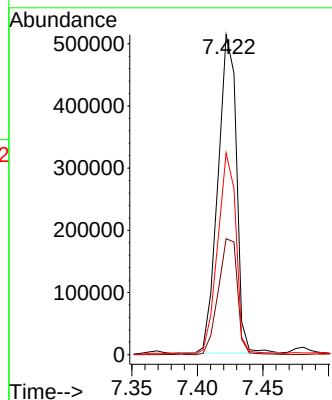
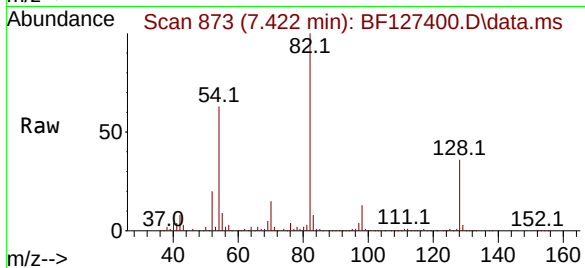
Tgt Ion: 82 Resp: 502696

Ion Ratio Lower Upper

82 100

128 36.3 32.7 49.1

54 63.1 41.7 62.5#



#25

Isophorone

Concen: 2.302 ng

RT: 7.745 min Scan# 928

Delta R.T. 0.059 min

Lab File: BF127400.D

Acq: 18 Mar 2022 19:19

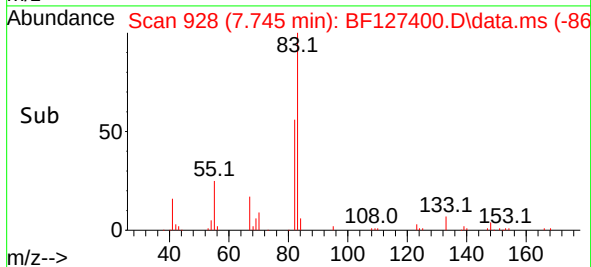
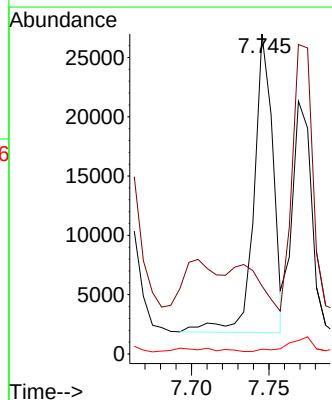
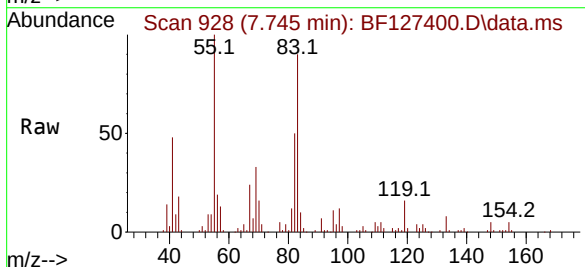
Tgt Ion: 82 Resp: 21695

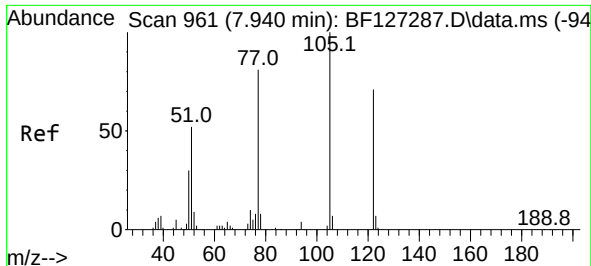
Ion Ratio Lower Upper

82 100

95 21.2 5.0 7.4#

138 1.5 12.3 18.5#

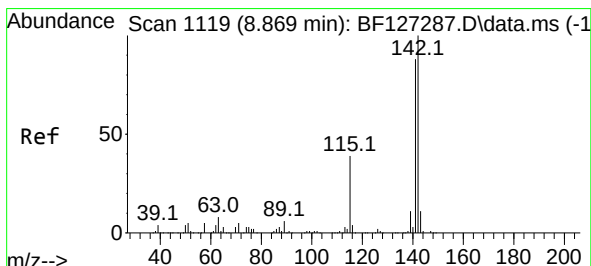
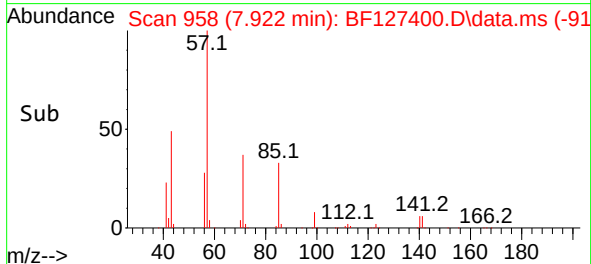
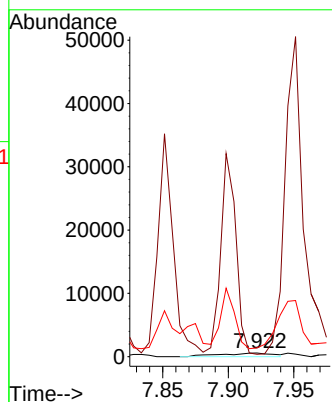
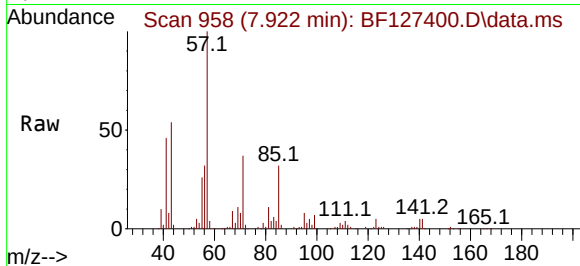




#32
Benzoic acid
Concen: 7.201 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.029 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

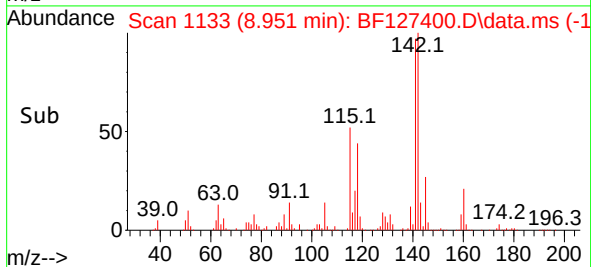
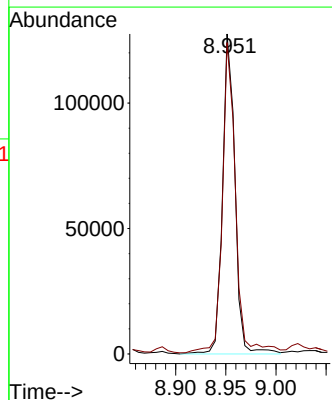
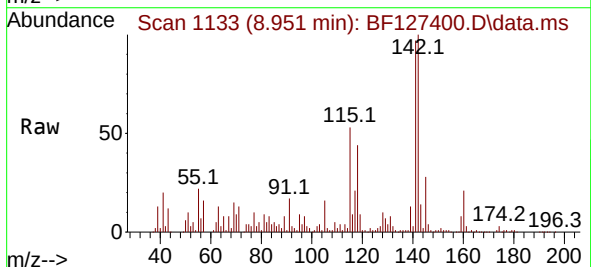
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-26.5-27.0

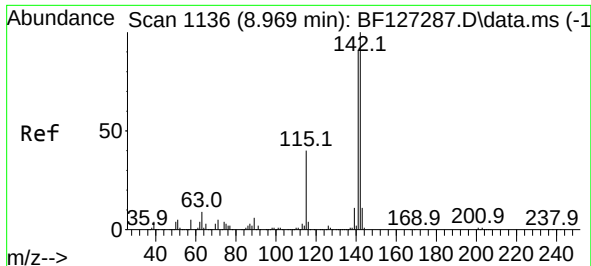
Tgt Ion:122 Resp: 1607
Ion Ratio Lower Upper
122 100
105 66.0 101.0 141.0#
77 236.3 74.5 114.5#



#37
2-Methylnaphthalene
Concen: 13.002 ng
RT: 8.951 min Scan# 1133
Delta R.T. 0.094 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

Tgt Ion:142 Resp: 109675
Ion Ratio Lower Upper
142 100
141 97.3 68.6 102.8

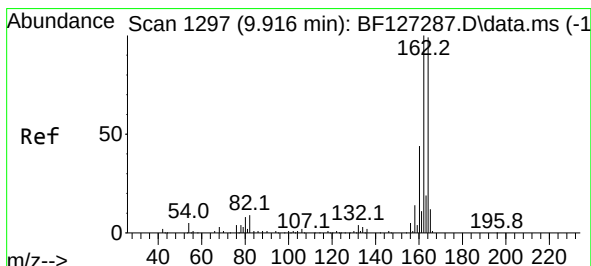
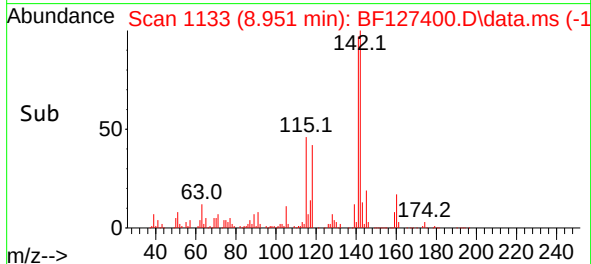
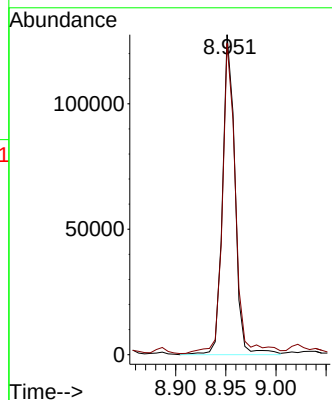
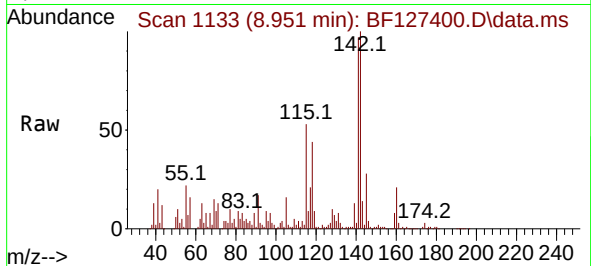




#38
1-Methylnaphthalene
Concen: 13.524 ng
RT: 8.951 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

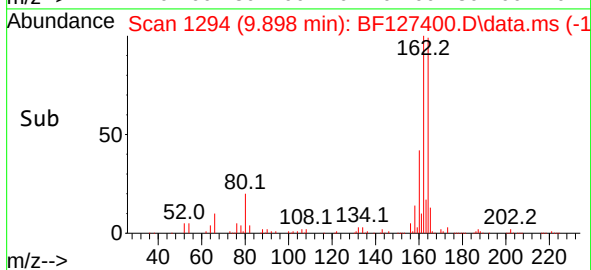
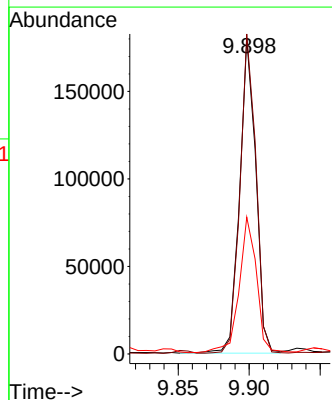
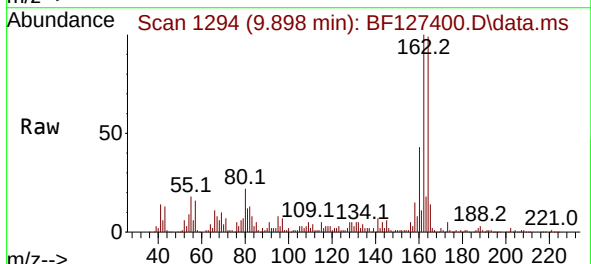
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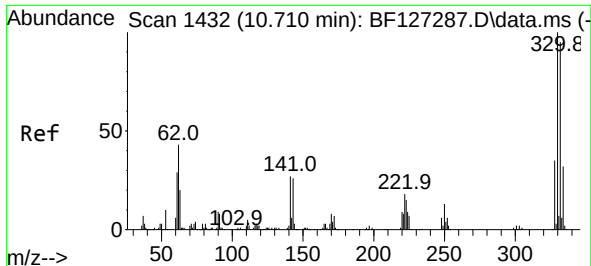
Tgt Ion:142 Resp: 109675
Ion Ratio Lower Upper
142 100
141 97.3 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

Tgt Ion:164 Resp: 142836
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 43.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 134.281 ng

RT: 10.698 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF127400.D

Acq: 18 Mar 2022 19:19

Instrument :

BNA_F

ClientSampleId :

PPSP-B4-26.5-27.0

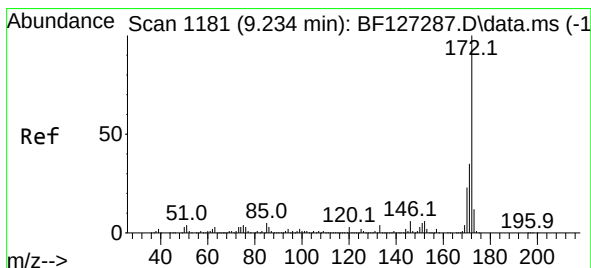
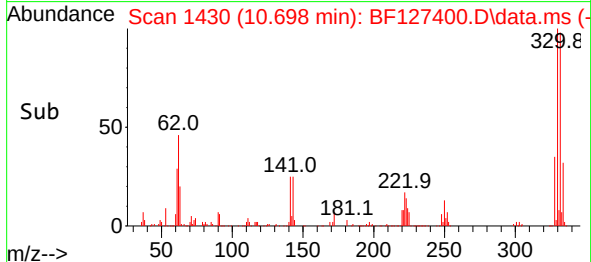
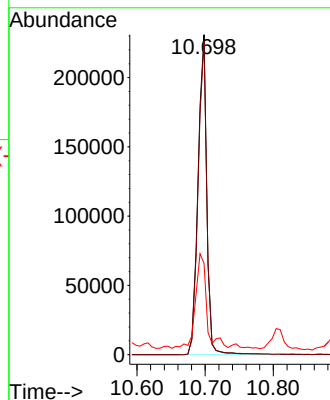
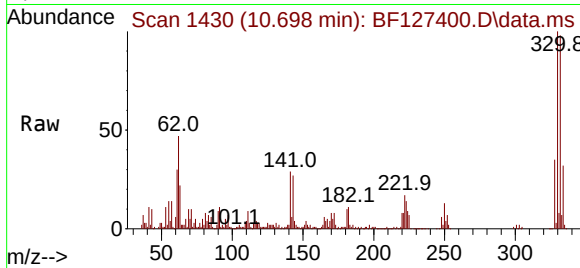
Tgt Ion:330 Resp: 206473

Ion Ratio Lower Upper

330 100

332 97.5 76.0 114.0

141 37.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 82.031 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF127400.D

Acq: 18 Mar 2022 19:19

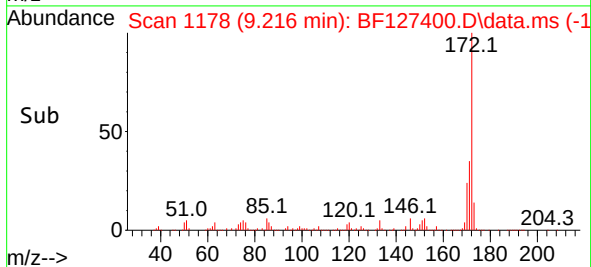
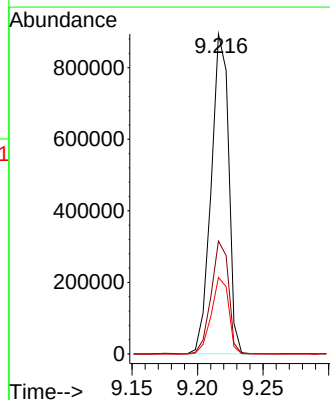
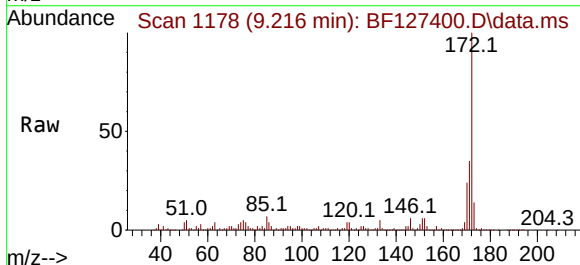
Tgt Ion:172 Resp: 828764

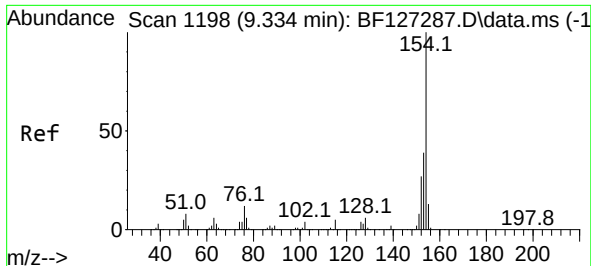
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.9 19.0 28.6

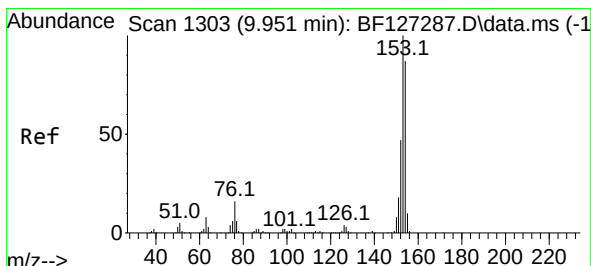
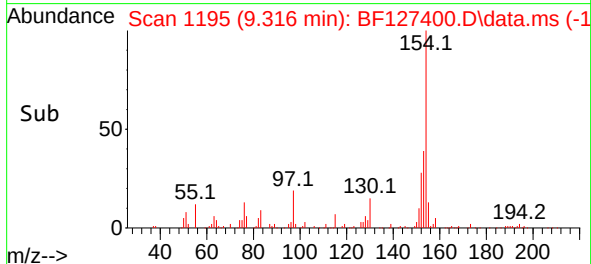
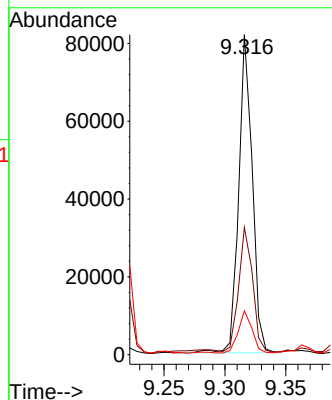
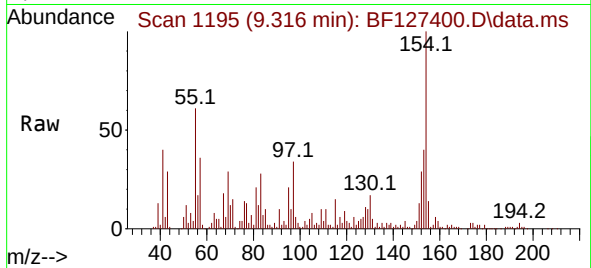




#46
 1,1'-Biphenyl
 Concen: 5.856 ng
 RT: 9.316 min Scan# 1195
 Delta R.T. -0.006 min
 Lab File: BF127400.D
 Acq: 18 Mar 2022 19:19

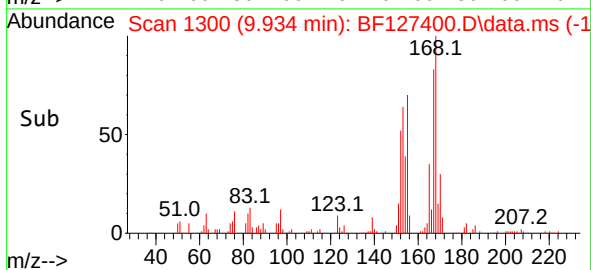
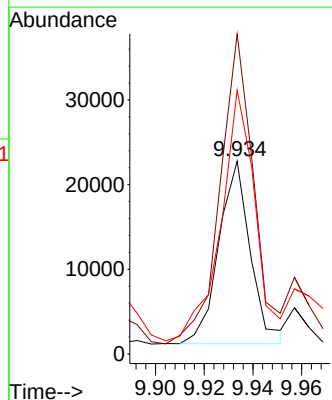
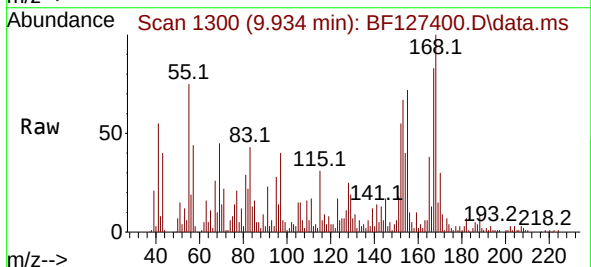
Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B4-26.5-27.0

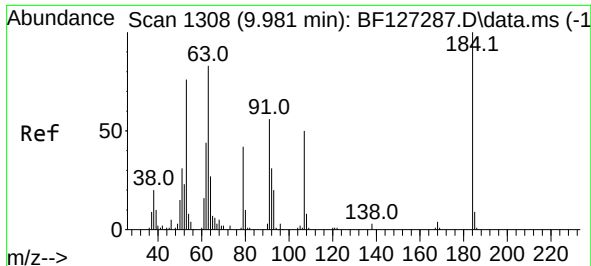
Tgt Ion:154 Resp: 63128
 Ion Ratio Lower Upper
 154 100
 153 39.8 19.0 59.0
 76 13.7 0.0 34.5



#52
 Acenaphthene
 Concen: 2.539 ng
 RT: 9.934 min Scan# 1300
 Delta R.T. -0.006 min
 Lab File: BF127400.D
 Acq: 18 Mar 2022 19:19

Tgt Ion:154 Resp: 19435
 Ion Ratio Lower Upper
 154 100
 153 165.9 87.8 131.6#
 152 136.7 39.4 59.2#

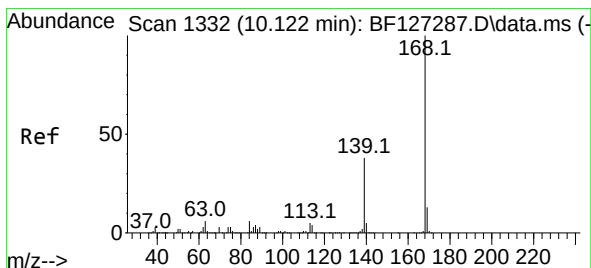
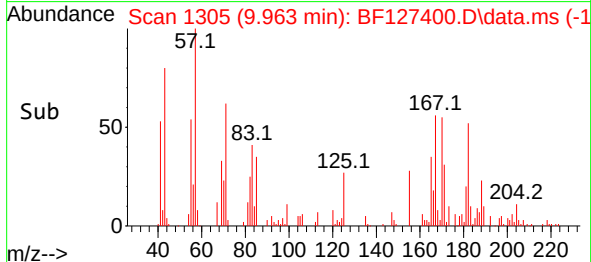
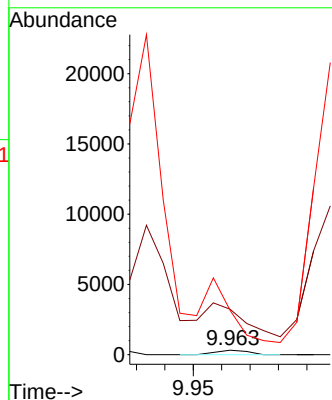
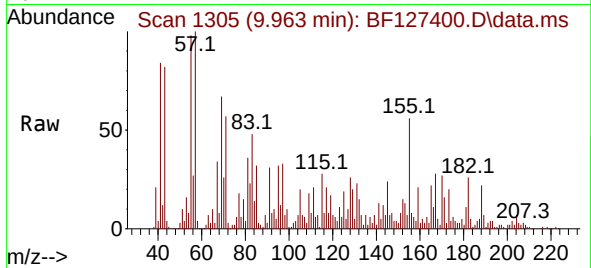




#54
2,4-Dinitrophenol
Concen: 4.054 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

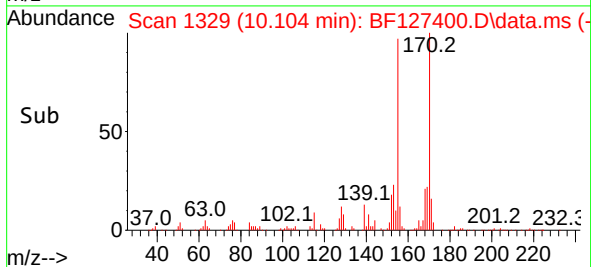
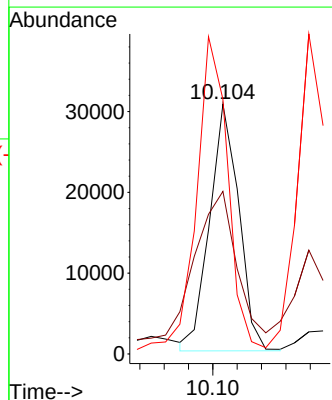
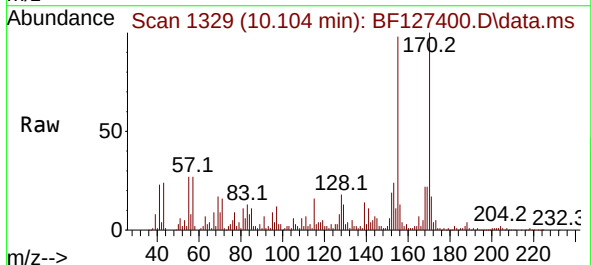
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-26.5-27.0

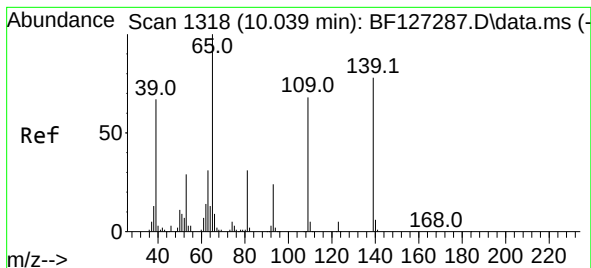
Tgt Ion:184 Resp: 250
Ion Ratio Lower Upper
184 100
63 1007.2 70.4 105.6#
154 982.6 49.7 74.5#



#55
Dibenzofuran
Concen: 2.141 ng
RT: 10.104 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

Tgt Ion:168 Resp: 25465
Ion Ratio Lower Upper
168 100
139 65.0 30.6 46.0#
169 101.8 10.0 15.0#

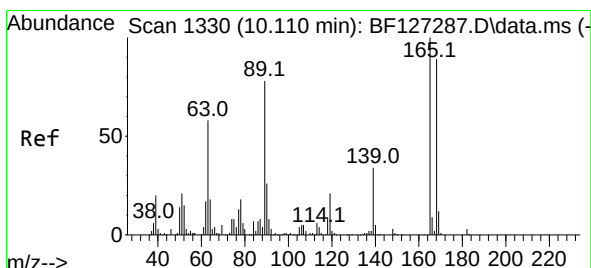
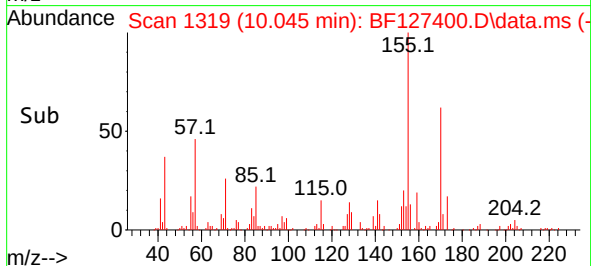
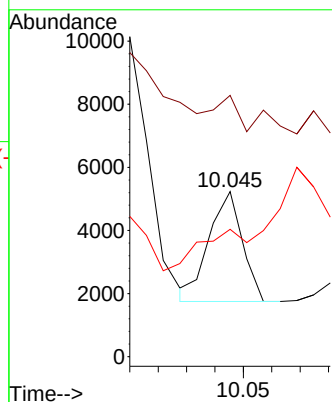
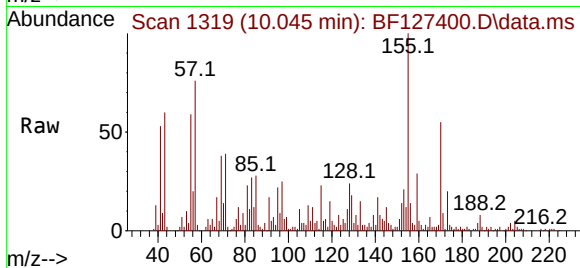




#56
4-Nitrophenol
Concen: 2.067 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

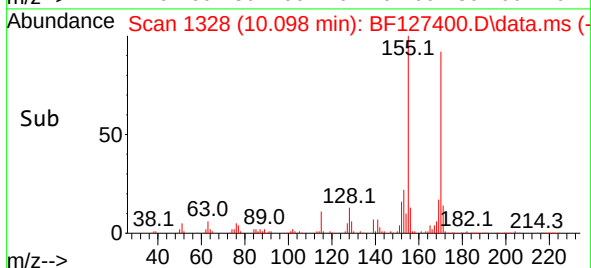
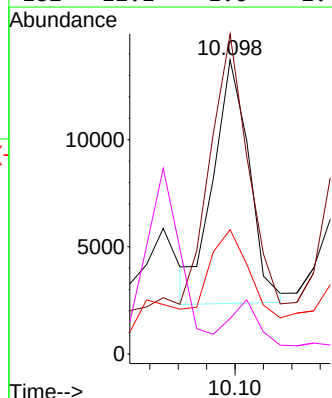
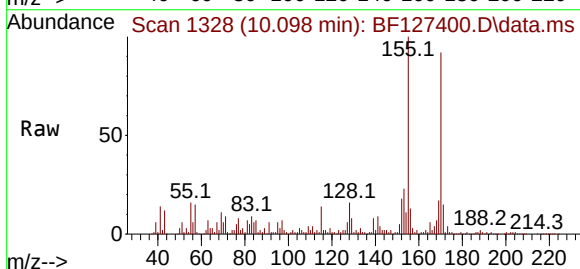
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-26.5-27.0

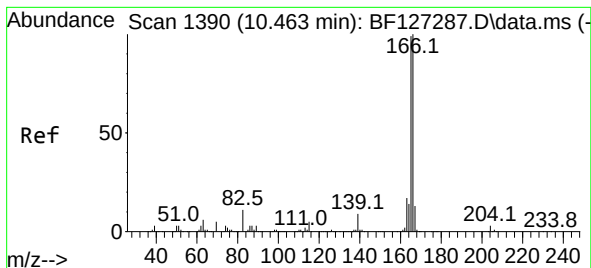
Tgt Ion:139 Resp: 2835
Ion Ratio Lower Upper
139 100
109 158.2 44.1 84.1#
65 77.1 85.5 125.5#



#57
2,4-Dinitrotoluene
Concen: 3.660 ng
RT: 10.098 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

Tgt Ion:165 Resp: 9970
Ion Ratio Lower Upper
165 100
63 108.8 43.0 64.6#
89 42.3 71.0 106.4#
182 12.1 1.6 2.4#





#58

Fluorene

Concen: 6.951 ng

RT: 10.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127400.D

Acq: 18 Mar 2022 19:19

Instrument :

BNA_F

ClientSampleId :

PPSP-B4-26.5-27.0

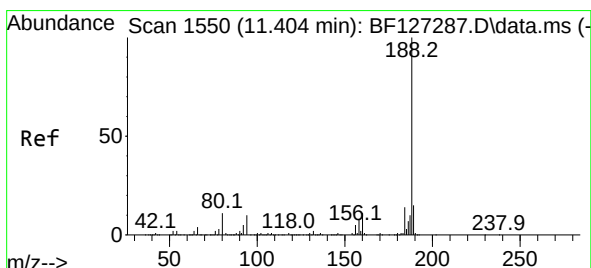
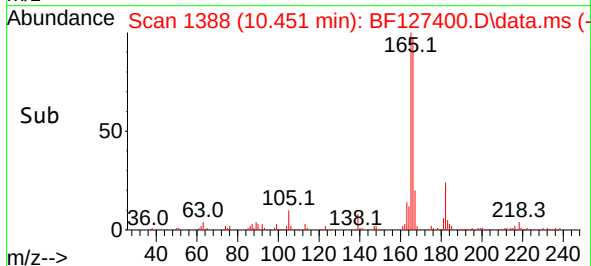
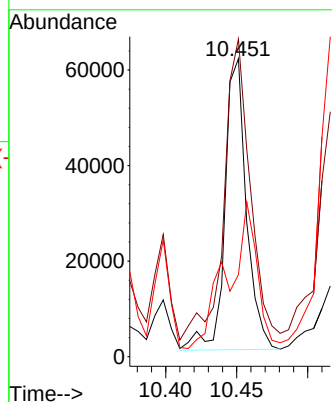
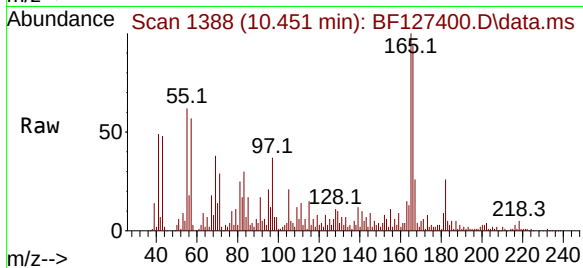
Tgt Ion:166 Resp: 64104

Ion Ratio Lower Upper

166 100

165 106.6 77.7 116.5

167 27.5 10.7 16.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF127400.D

Acq: 18 Mar 2022 19:19

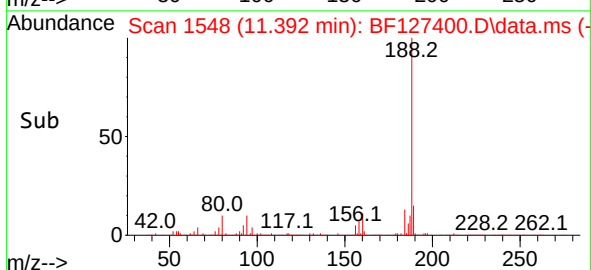
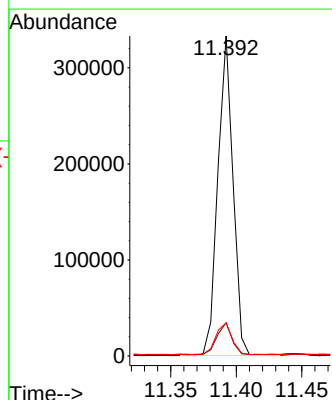
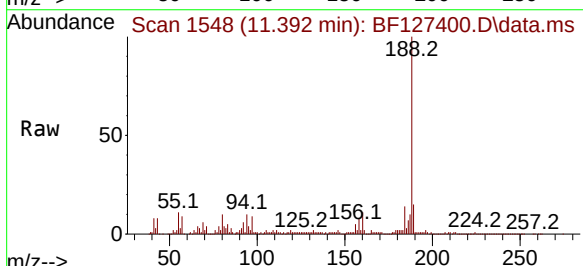
Tgt Ion:188 Resp: 266575

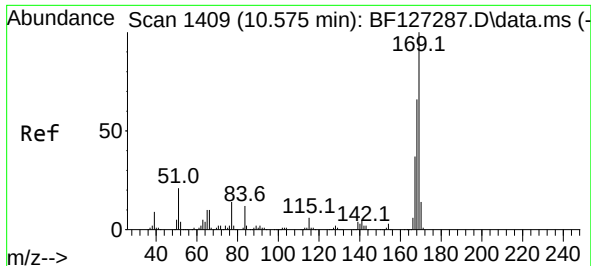
Ion Ratio Lower Upper

188 100

94 10.4 10.1 15.1

80 10.4 11.8 17.6#

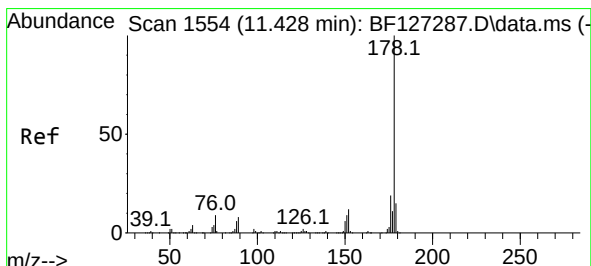
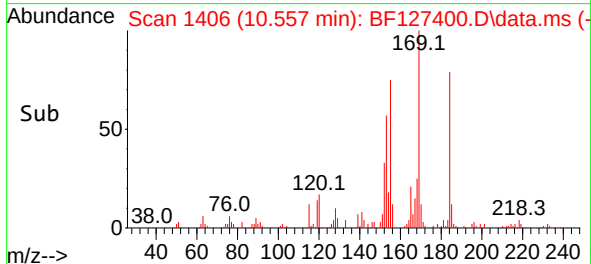
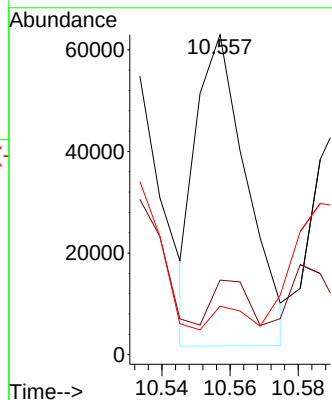
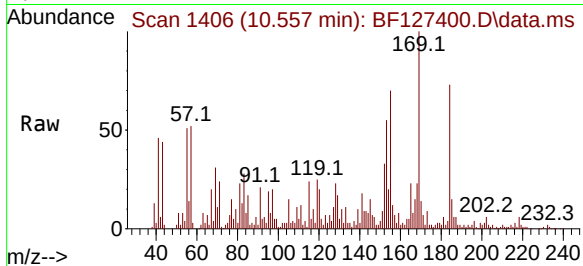




#66
n-Nitrosodiphenylamine
Concen: 7.636 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

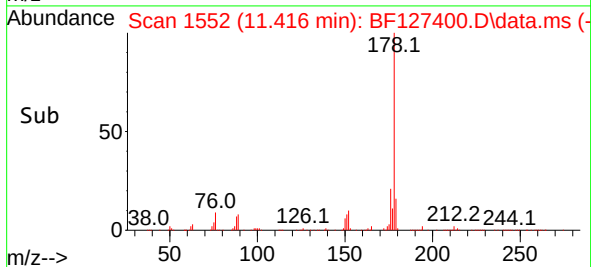
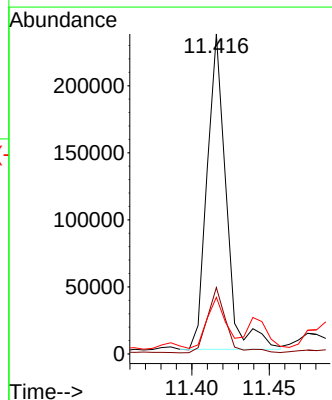
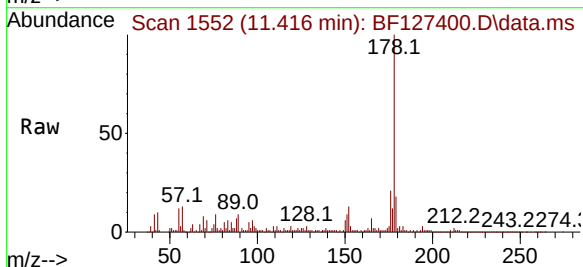
Instrument :
BNA_F
ClientSampleId :
PPSP-B4-26.5-27.0

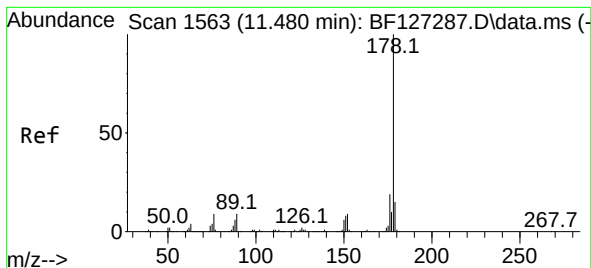
Tgt Ion:169 Resp: 63215
Ion Ratio Lower Upper
169 100
168 23.3 53.4 80.0#
167 15.2 29.4 44.0#



#71
Phenanthrene
Concen: 14.328 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.006 min
Lab File: BF127400.D
Acq: 18 Mar 2022 19:19

Tgt Ion:178 Resp: 201621
Ion Ratio Lower Upper
178 100
176 20.8 15.7 23.5
179 17.7 12.3 18.5





#72

Anthracene

Concen: 14.467 ng

RT: 11.416 min Scan# 1

Delta R.T. -0.059 min

Lab File: BF127400.D

Acq: 18 Mar 2022 19:19

Instrument :

BNA_F

ClientSampleId :

PPSP-B4-26.5-27.0

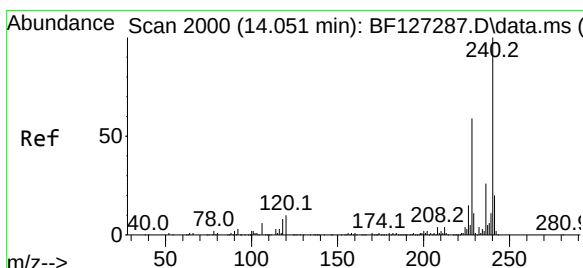
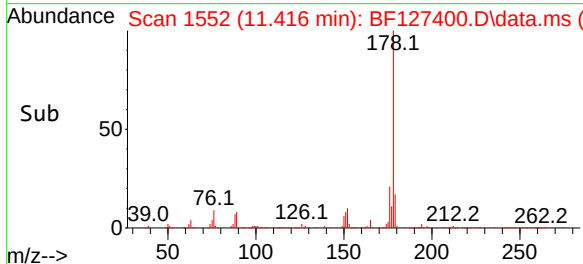
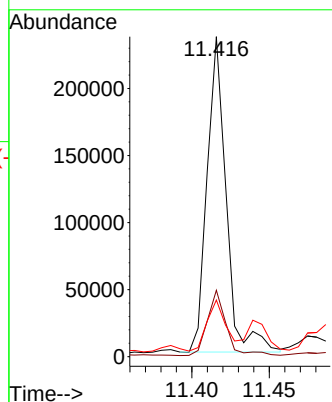
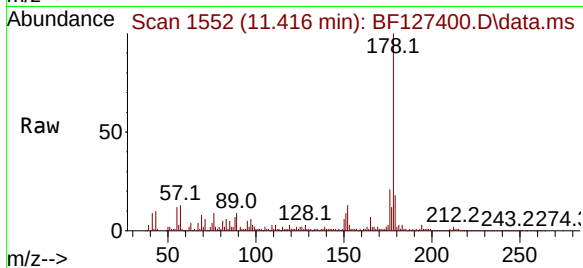
Tgt Ion:178 Resp: 201621

Ion Ratio Lower Upper

178 100

176 20.8 15.0 22.6

179 17.7 12.5 18.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 1997

Delta R.T. -0.012 min

Lab File: BF127400.D

Acq: 18 Mar 2022 19:19

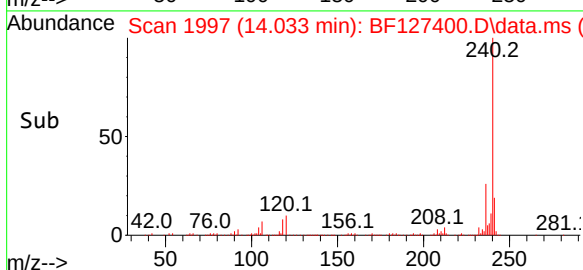
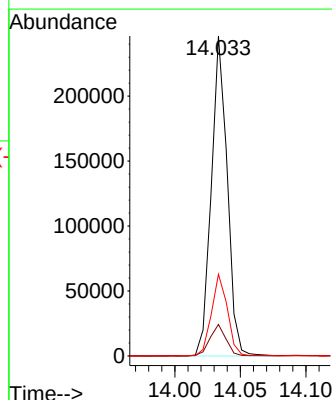
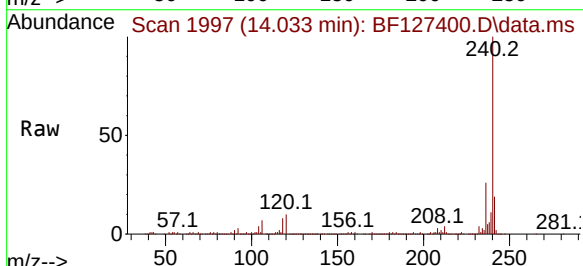
Tgt Ion:240 Resp: 208143

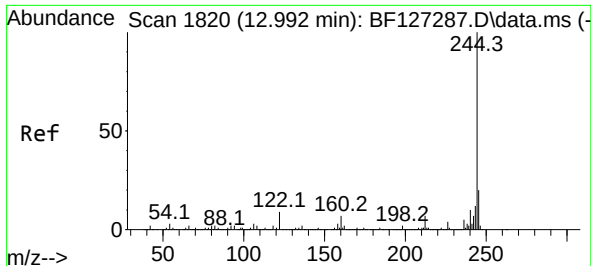
Ion Ratio Lower Upper

240 100

120 9.8 14.4 21.6#

236 25.5 20.5 30.7

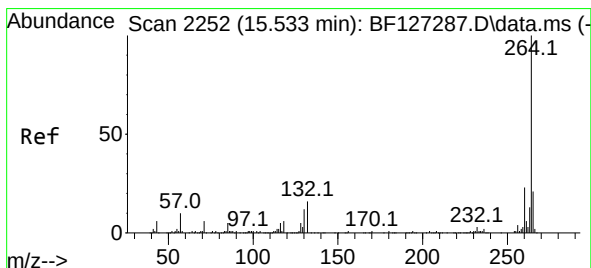
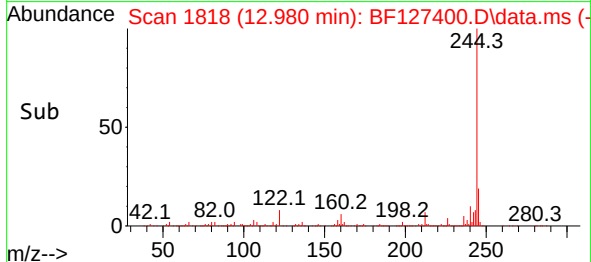
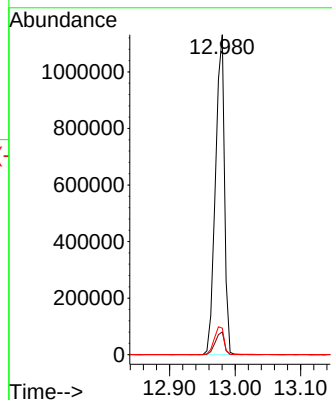
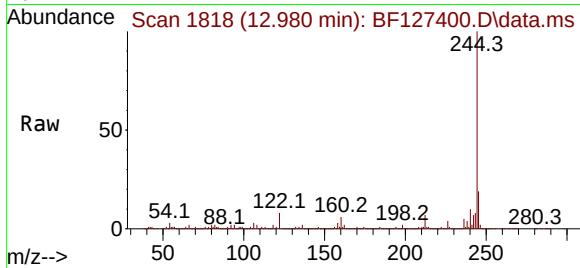




#79
 Terphenyl-d14
 Concen: 89.468 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127400.D
 Acq: 18 Mar 2022 19:19

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B4-26.5-27.0

Tgt Ion:244 Resp: 1081461
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 8.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.516 min Scan# 2249
 Delta R.T. -0.006 min
 Lab File: BF127400.D
 Acq: 18 Mar 2022 19:19

Tgt Ion:264 Resp: 180302
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 20.3 17.4 26.2

