

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127402.D
 Acq On : 18 Mar 2022 20:18
 Operator : CG\JU
 Sample : N1708-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B12-25.5-26.0

Quant Time: Mar 19 01:53:00 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)

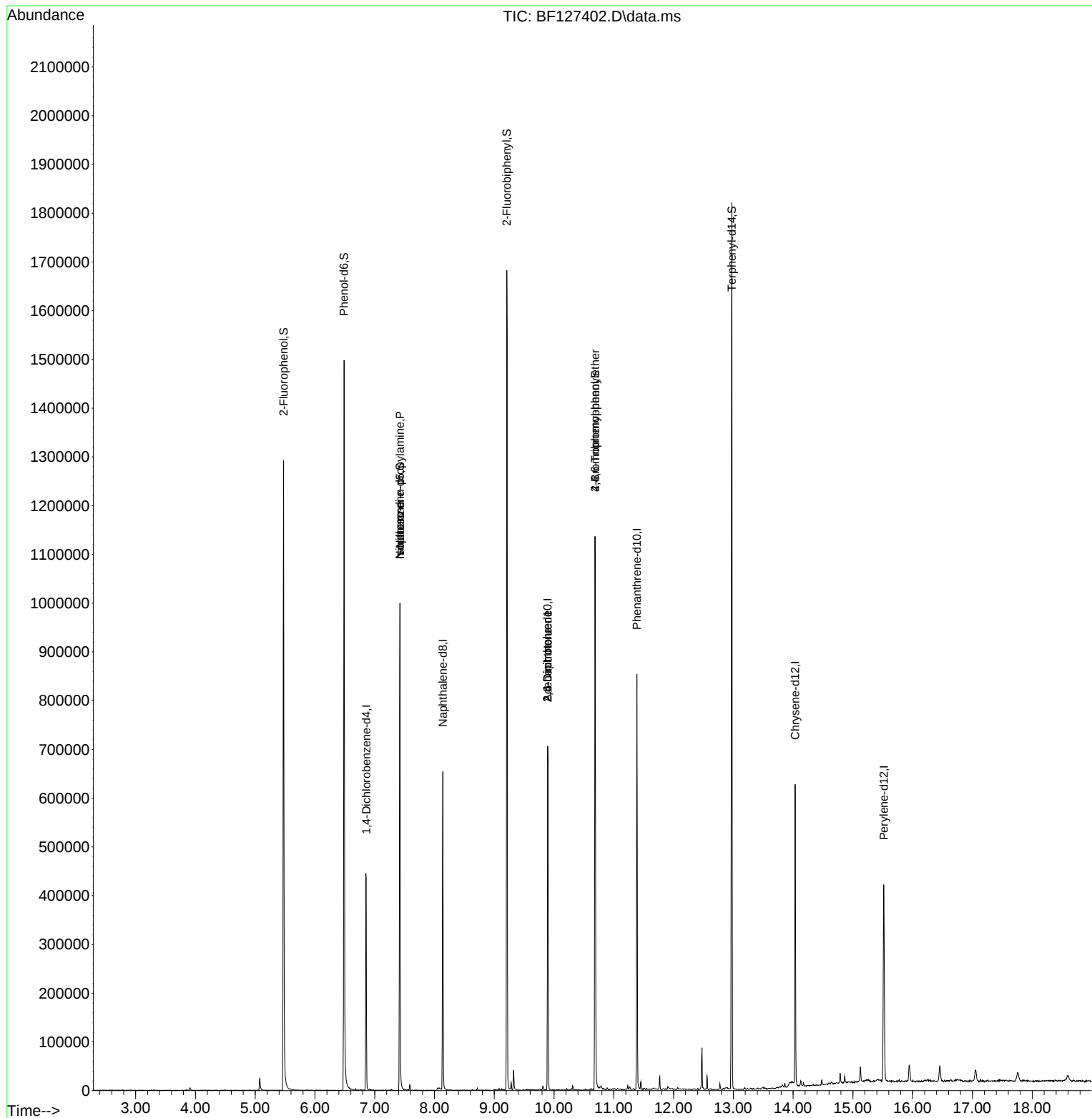
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	63977	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	246363	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	147435	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	285665	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	203355	20.000	ng	#-0.01
86) Perylene-d12	15.515	264	178074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	302485	76.006	ng	0.00
7) Phenol-d6	6.487	99	419893	76.696	ng	-0.01
23) Nitrobenzene-d5	7.422	82	284390	47.673	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	122625	77.262	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	508926	48.802	ng	-0.01
79) Terphenyl-d14	12.974	244	621494	52.626	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	882	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	38984	11.411	ng	# 84
25) Isophorone	7.422	82	284387	29.647	ng	# 69
51) 2,6-Dinitrotoluene	9.892	165	18036	8.440	ng	# 21
57) 2,4-Dinitrotoluene	9.892	165	18036	6.415	ng	# 15
67) 4-Bromophenyl-phenylether	10.686	248	8410	2.442	ng	# 1

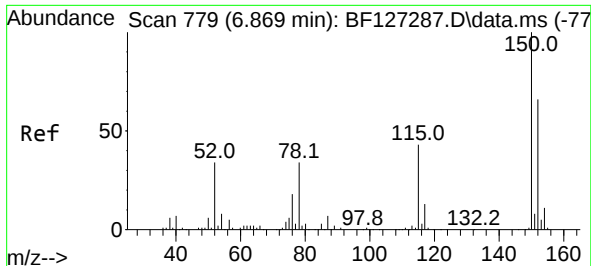
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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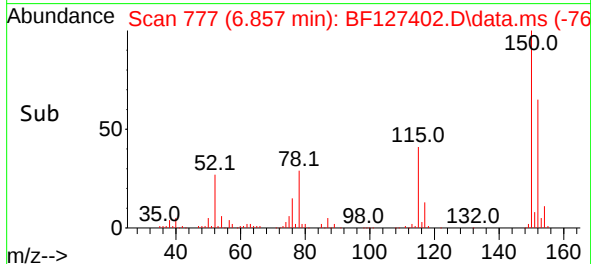
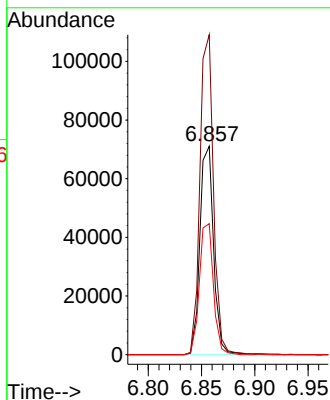
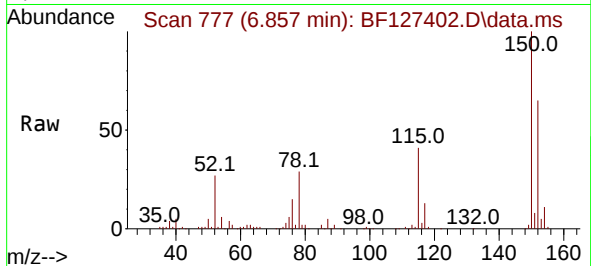




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127402.D
Acq: 18 Mar 2022 20:18

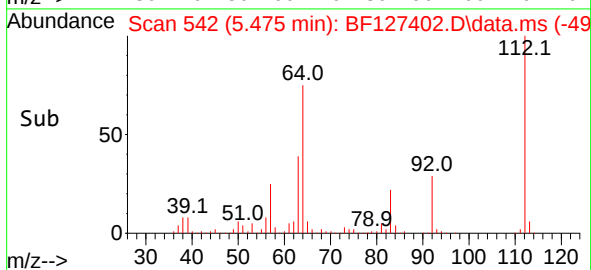
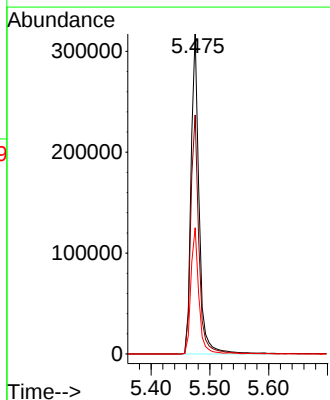
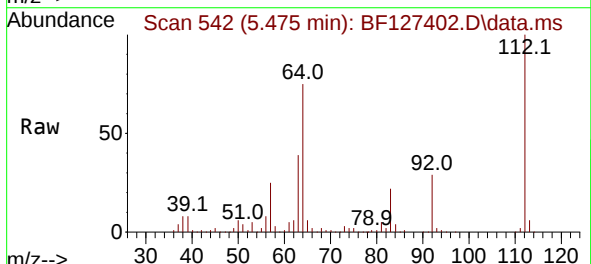
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-25.5-26.0

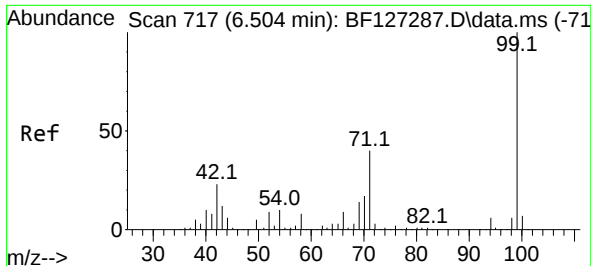
Tgt Ion:152 Resp: 63977
Ion Ratio Lower Upper
152 100
150 153.5 128.1 192.1
115 62.9 56.7 85.1



#5
2-Fluorophenol
Concen: 76.006 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.006 min
Lab File: BF127402.D
Acq: 18 Mar 2022 20:18

Tgt Ion:112 Resp: 302485
Ion Ratio Lower Upper
112 100
64 74.7 49.5 74.3#
63 39.4 23.9 35.9#

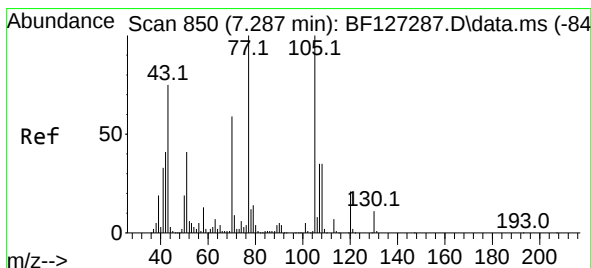
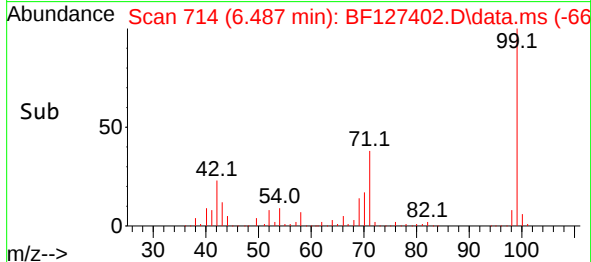
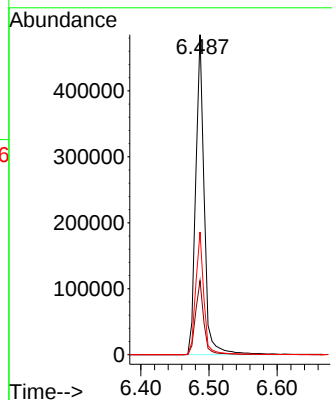
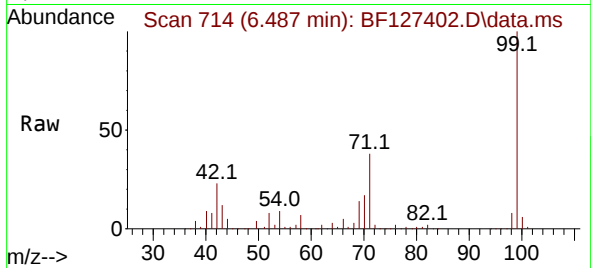




#7
Phenol-d6
Concen: 76.696 ng
RT: 6.487 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF127402.D
Acq: 18 Mar 2022 20:18

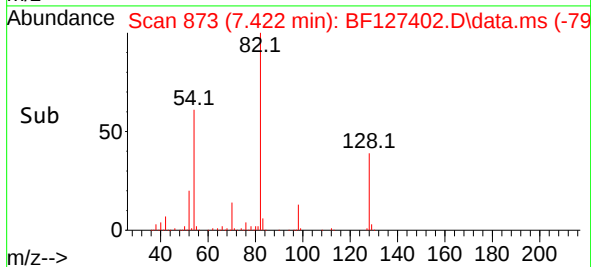
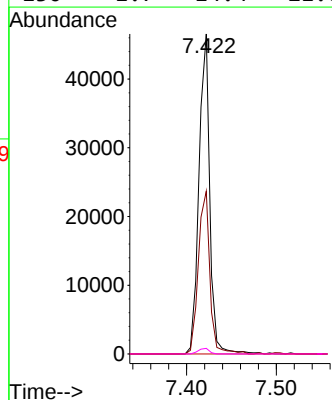
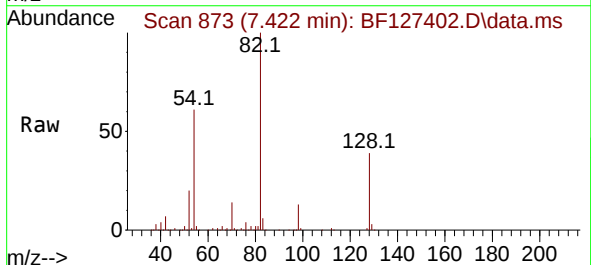
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-25.5-26.0

Tgt Ion: 99 Resp: 419893
Ion Ratio Lower Upper
99 100
42 23.2 14.2 21.4#
71 38.3 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 11.411 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.141 min
Lab File: BF127402.D
Acq: 18 Mar 2022 20:18

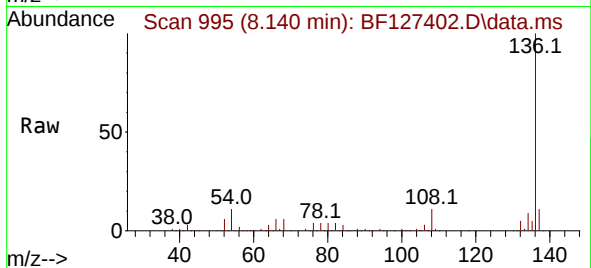
Tgt Ion: 70 Resp: 38984
Ion Ratio Lower Upper
70 100
42 50.9 45.8 68.8
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#



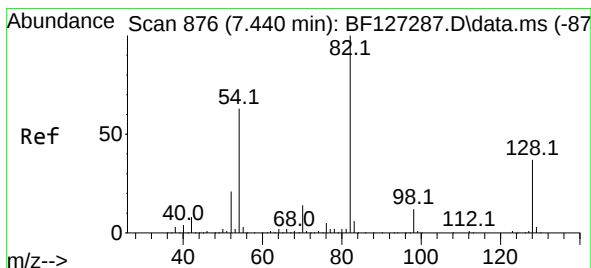
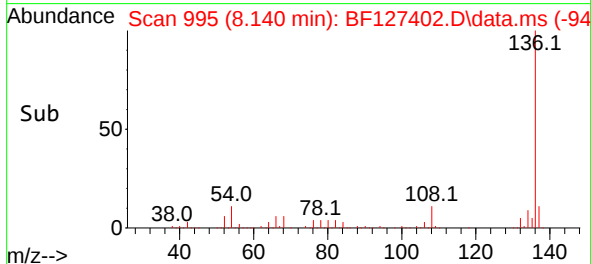
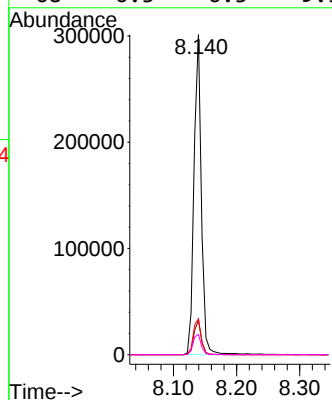


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF127402.D
Acq: 18 Mar 2022 20:18

Instrument :
BNA_F
ClientSampleId :
PPSP-B12-25.5-26.0

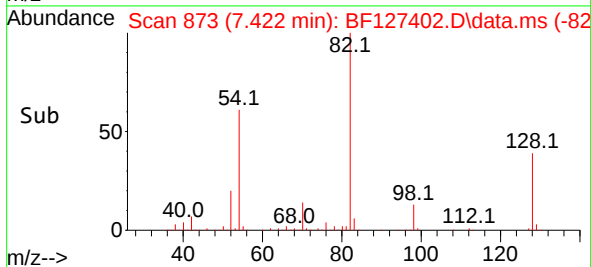
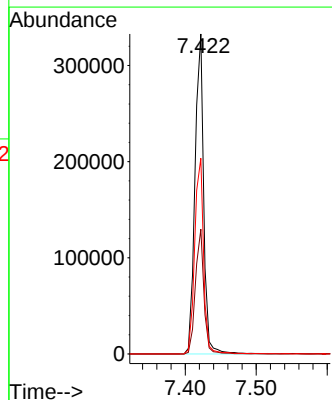
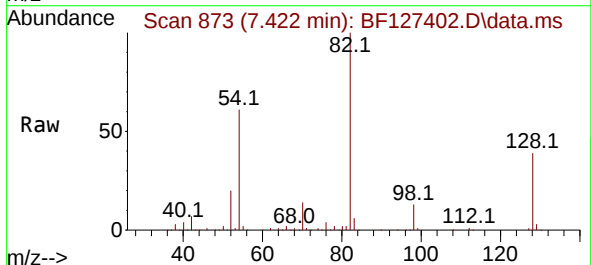


Tgt Ion:136 Resp: 246363
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.2 7.8 11.6
68 6.3 6.3 9.5



#23
Nitrobenzene-d5
Concen: 47.673 ng
RT: 7.422 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF127402.D
Acq: 18 Mar 2022 20:18

Tgt Ion: 82 Resp: 284390
Ion Ratio Lower Upper
82 100
128 39.0 32.7 49.1
54 61.2 41.7 62.5

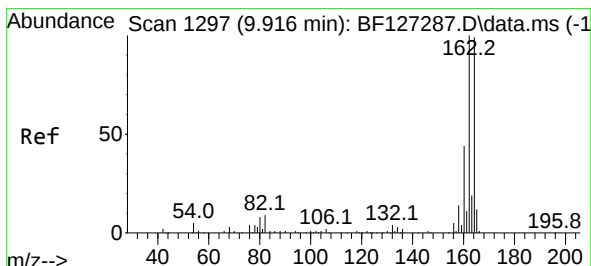
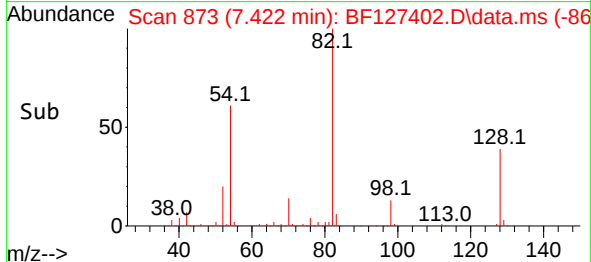
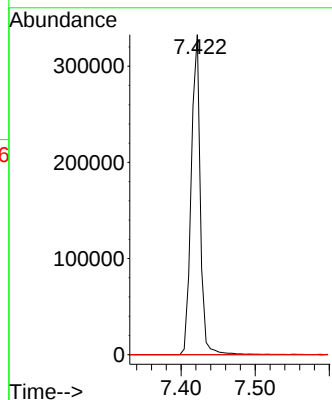
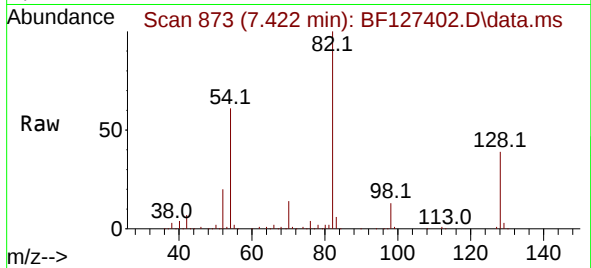




#25
Isophorone
Concen: 29.647 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127402.D
Acq: 18 Mar 2022 20:18

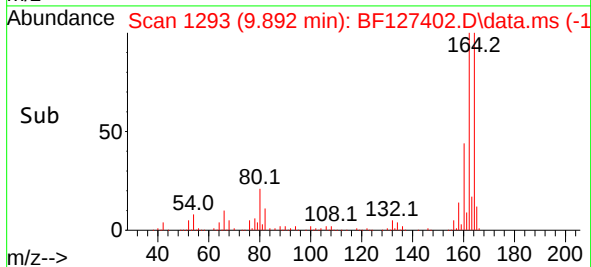
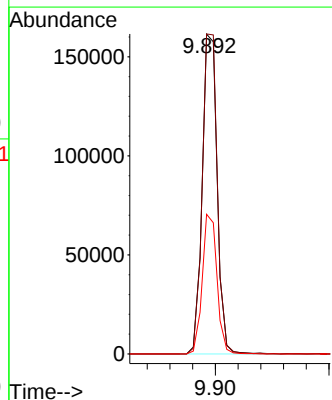
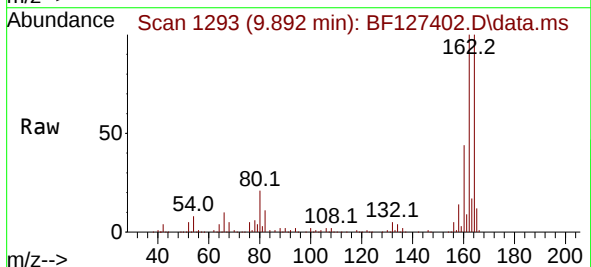
Instrument :
BNA_F
ClientSampleId :
PPSP-B12-25.5-26.0

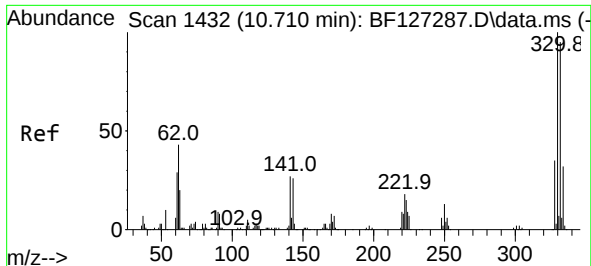
Tgt Ion: 82 Resp: 284387
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF127402.D
Acq: 18 Mar 2022 20:18

Tgt Ion:164 Resp: 147435
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 43.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 77.262 ng

RT: 10.686 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF127402.D

Acq: 18 Mar 2022 20:18

Instrument :

BNA_F

ClientSampleId :

PPSP-B12-25.5-26.0

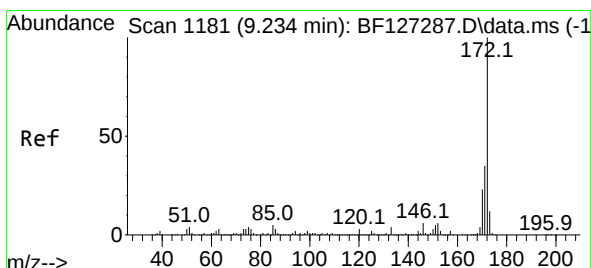
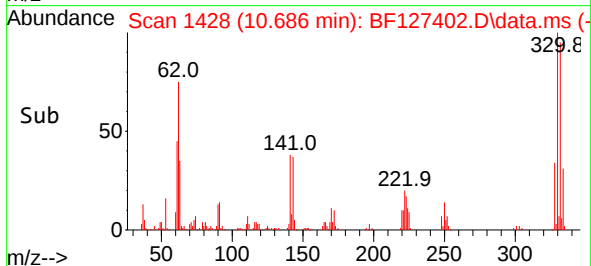
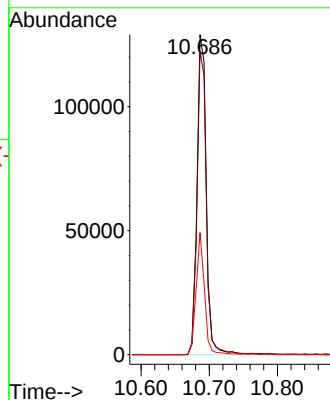
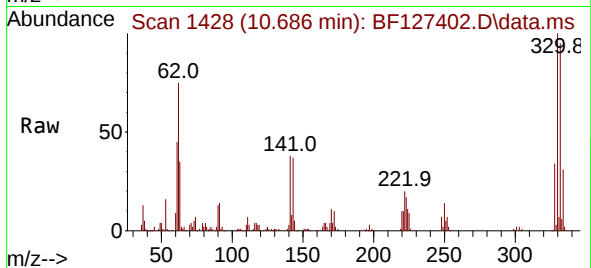
Tgt Ion:330 Resp: 122625

Ion Ratio Lower Upper

330 100

332 94.5 76.0 114.0

141 34.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 48.802 ng

RT: 9.210 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BF127402.D

Acq: 18 Mar 2022 20:18

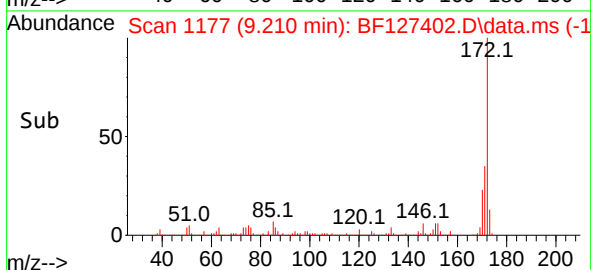
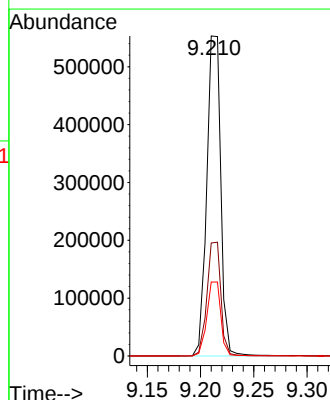
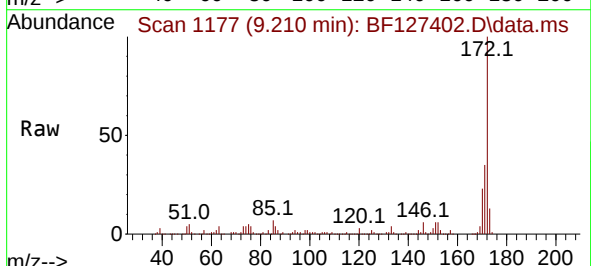
Tgt Ion:172 Resp: 508926

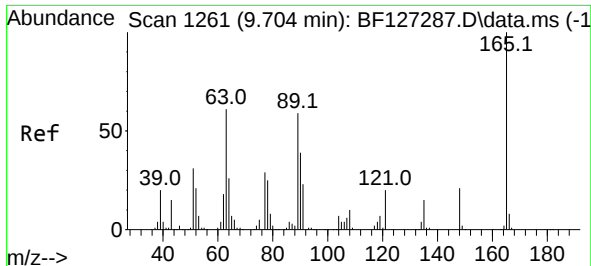
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.1 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.440 ng

RT: 9.892 min Scan# 1293

Delta R.T. 0.200 min

Lab File: BF127402.D

Acq: 18 Mar 2022 20:18

Instrument :

BNA_F

ClientSampleId :

PPSP-B12-25.5-26.0

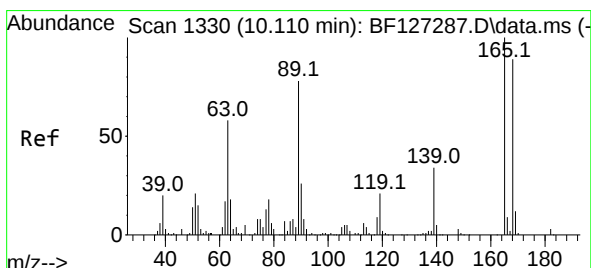
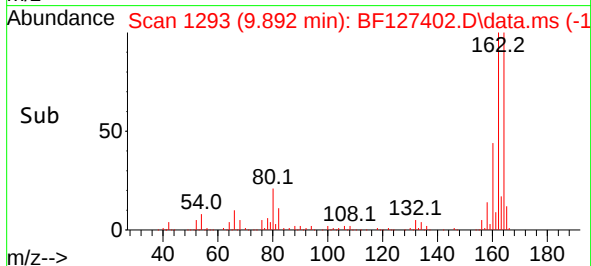
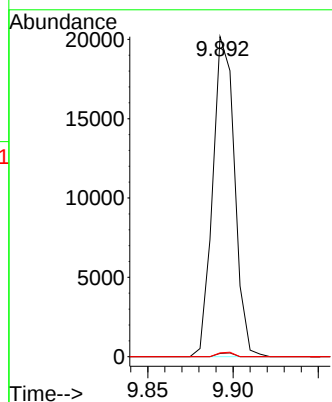
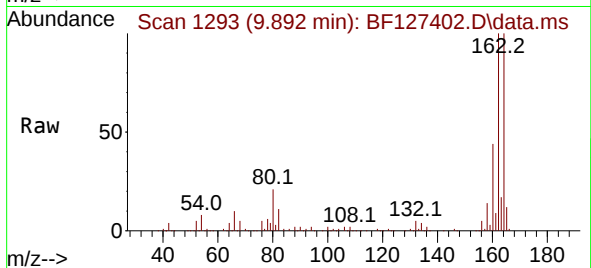
Tgt Ion:165 Resp: 18036

Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.2 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 6.415 ng

RT: 9.892 min Scan# 1293

Delta R.T. -0.212 min

Lab File: BF127402.D

Acq: 18 Mar 2022 20:18

Tgt Ion:165 Resp: 18036

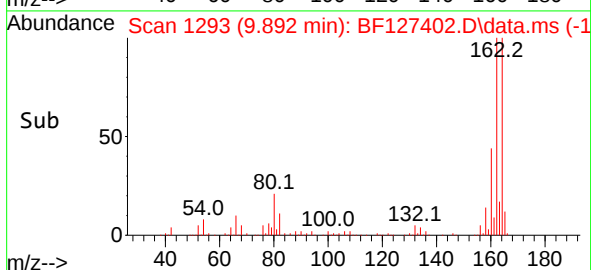
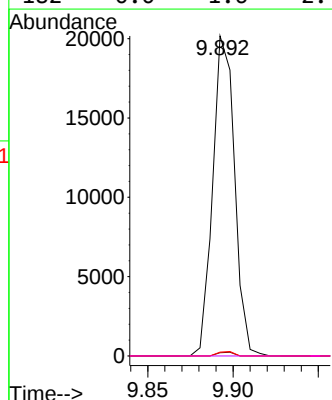
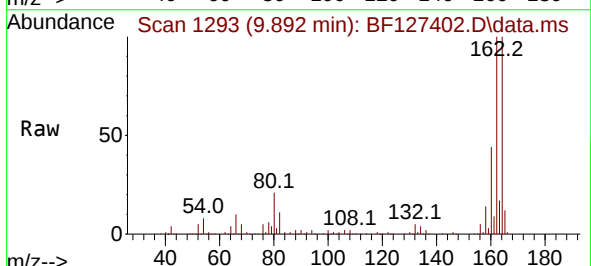
Ion Ratio Lower Upper

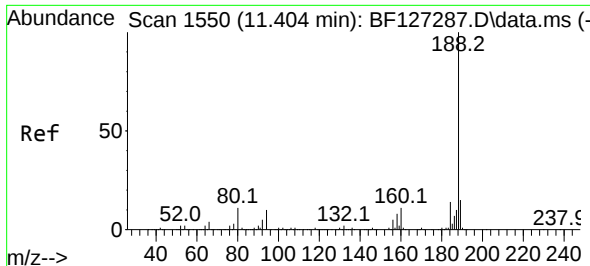
165 100

63 1.0 43.0 64.6#

89 1.2 71.0 106.4#

182 0.0 1.6 2.4#

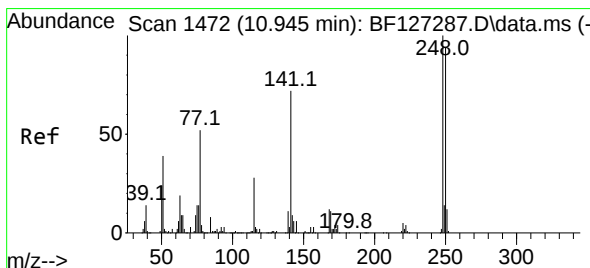
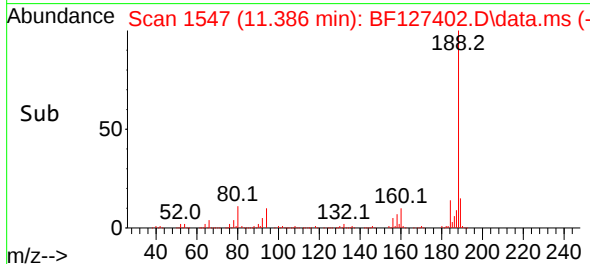
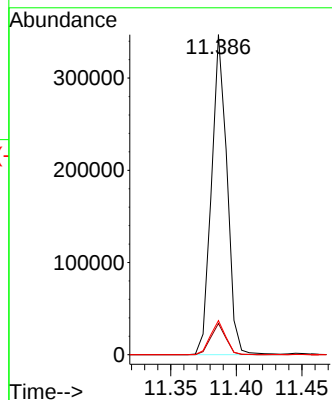
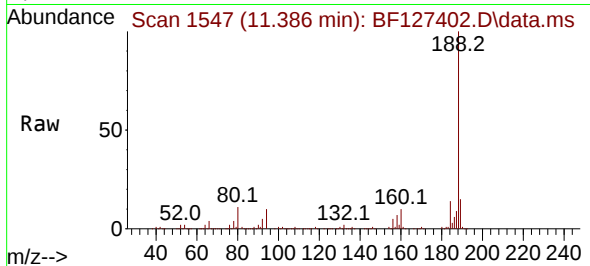




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127402.D
Acq: 18 Mar 2022 20:18

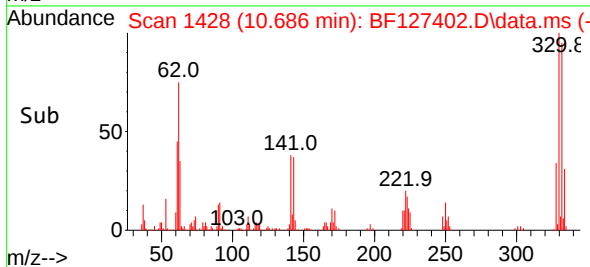
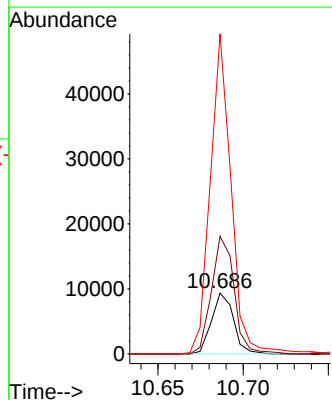
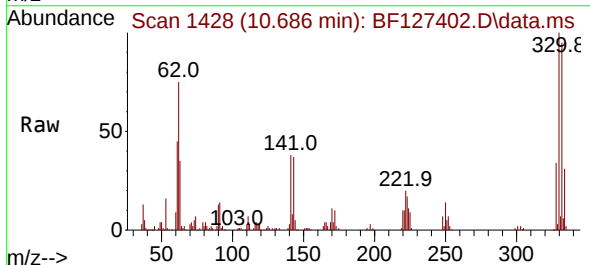
Instrument :
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PPSP-B12-25.5-26.0

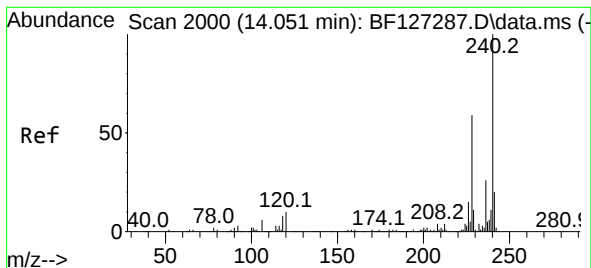
Tgt Ion:188 Resp: 285665
Ion Ratio Lower Upper
188 100
94 9.7 10.1 15.1#
80 10.6 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 2.442 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.247 min
Lab File: BF127402.D
Acq: 18 Mar 2022 20:18

Tgt Ion:248 Resp: 8410
Ion Ratio Lower Upper
248 100
250 193.1 76.2 114.4#
141 525.6 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: BF127402.D

Acq: 18 Mar 2022 20:18

Instrument :

BNA_F

ClientSampleId :

PPSP-B12-25.5-26.0

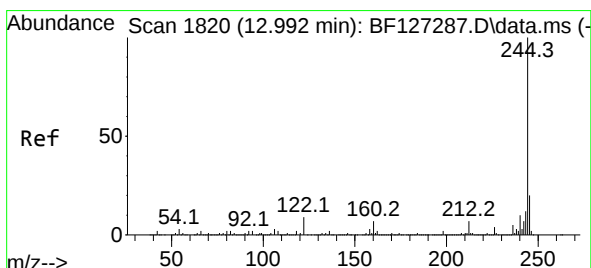
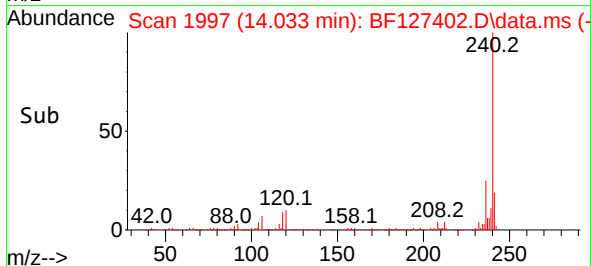
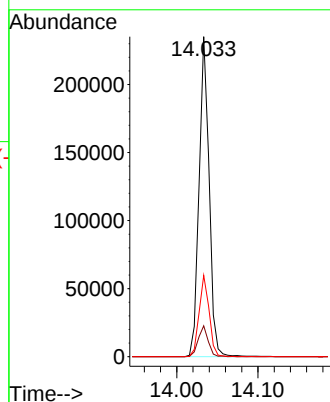
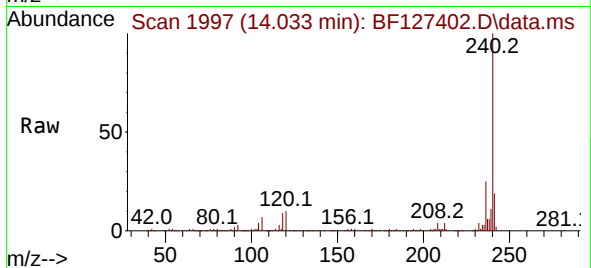
Tgt Ion:240 Resp: 203355

Ion Ratio Lower Upper

240 100

120 9.7 14.4 21.6#

236 25.4 20.5 30.7



#79

Terphenyl-d14

Concen: 52.626 ng

RT: 12.974 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF127402.D

Acq: 18 Mar 2022 20:18

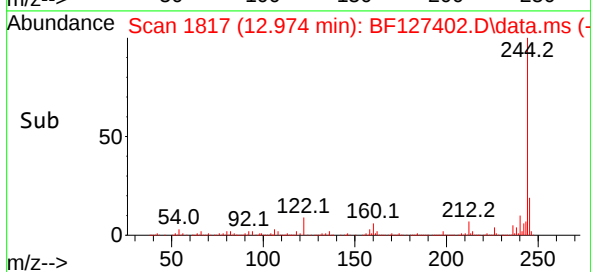
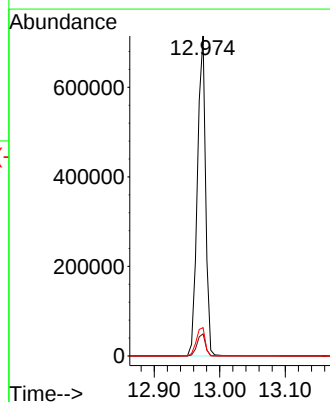
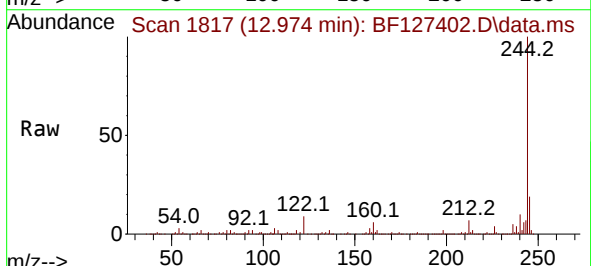
Tgt Ion:244 Resp: 621494

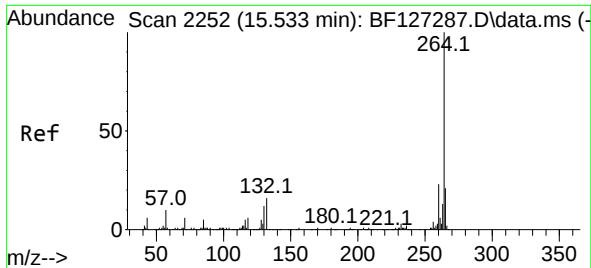
Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

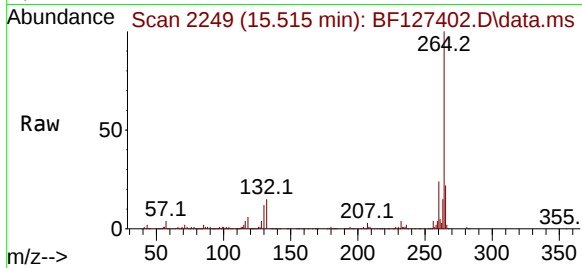
122 8.8 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127402.D
 Acq: 18 Mar 2022 20:18

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B12-25.5-26.0



Tgt Ion:264 Resp: 178074
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.3 17.4 26.2

