

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127146.D
 Acq On : 02 Mar 2022 14:43
 Operator : CG\JU
 Sample : N1708-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B19-22.5-23.0

Quant Time: Mar 03 00:56:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

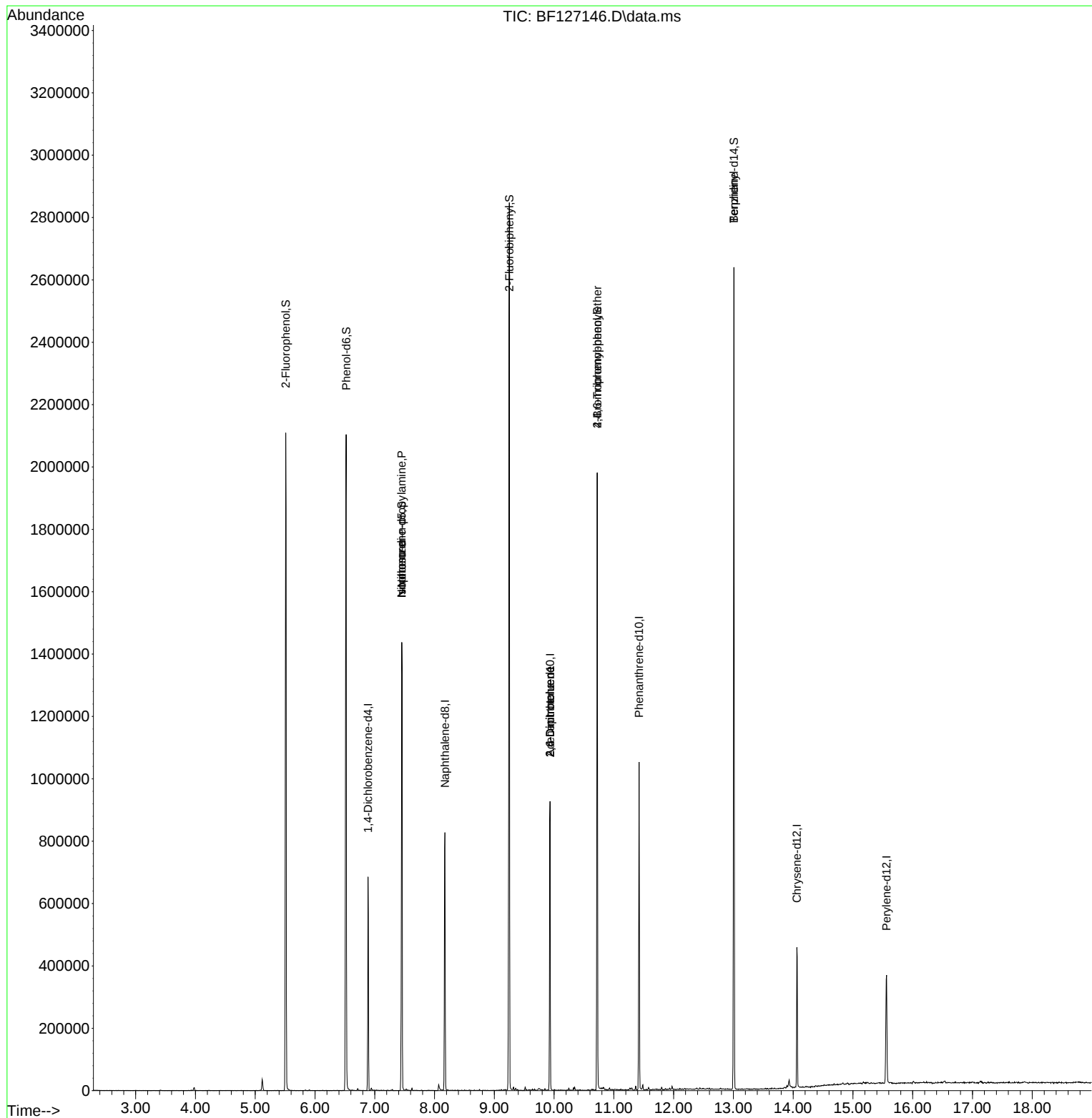
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	88623	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	355938	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	183395	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	317518	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	144946	20.000	ng	#-0.01
86) Perylene-d12	15.562	264	153231	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	538005	93.827	ng	0.00
7) Phenol-d6	6.522	99	710510	91.831	ng	0.00
23) Nitrobenzene-d5	7.451	82	493992	62.644	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	209042	99.000	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	814980	65.420	ng	0.00
79) Terphenyl-d14	13.010	244	805361	81.680	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	67959	13.631	ng	# 79
25) Isophorone	7.451	82	492046	37.708	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	23186	8.694	ng	# 22
57) 2,4-Dinitrotoluene	9.933	165	23186	6.430	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	12334	3.477	ng	# 1
77) Benzidine	13.010	184	11739	2.980	ng	# 95

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

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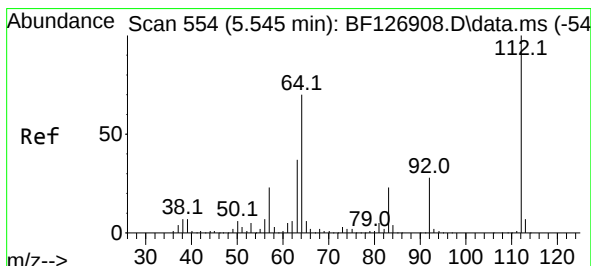
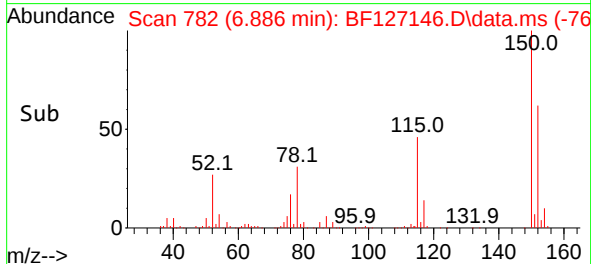
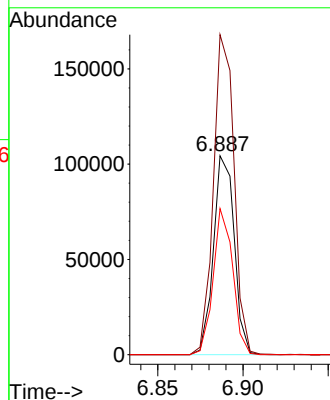
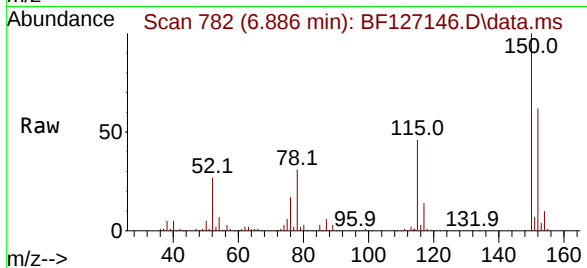




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127146.D
Acq: 02 Mar 2022 14:43

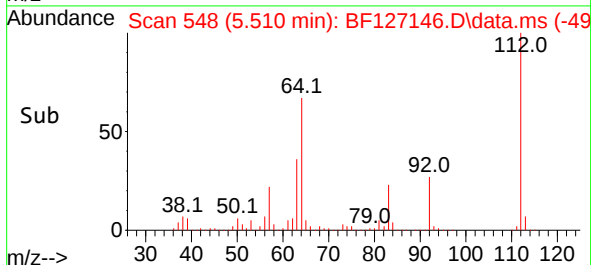
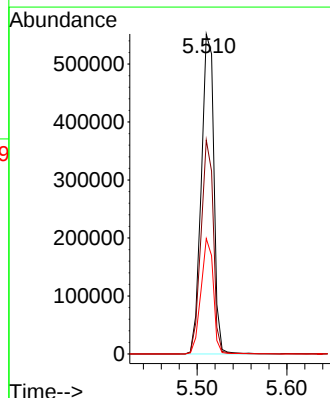
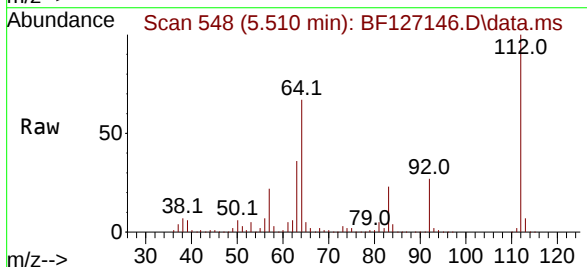
Instrument :
BNA_F
ClientSampleId :
PPSP-B19-22.5-23.0

Tgt Ion:152 Resp: 88623
Ion Ratio Lower Upper
152 100
150 160.8 128.1 192.1
115 73.4 56.7 85.1



#5
2-Fluorophenol
Concen: 93.827 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127146.D
Acq: 02 Mar 2022 14:43

Tgt Ion:112 Resp: 538005
Ion Ratio Lower Upper
112 100
64 66.8 49.5 74.3
63 36.1 23.9 35.9#

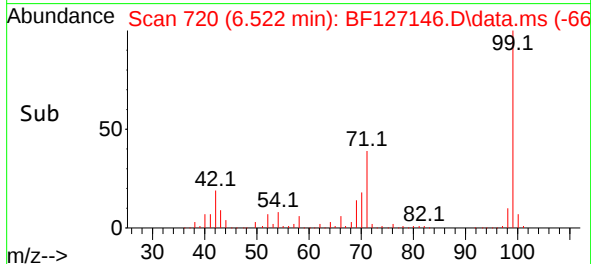
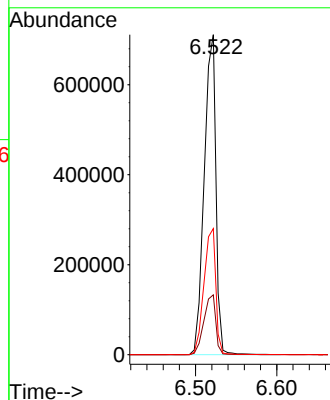
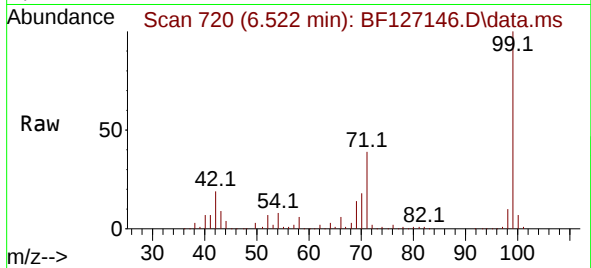




#7
Phenol-d6
Concen: 91.831 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127146.D
Acq: 02 Mar 2022 14:43

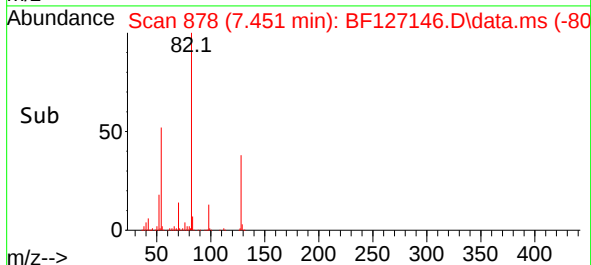
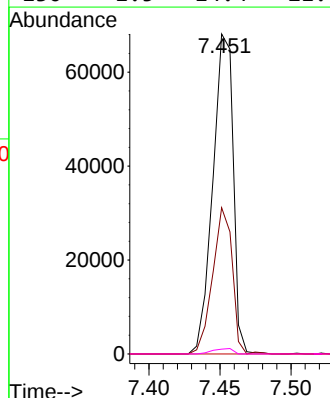
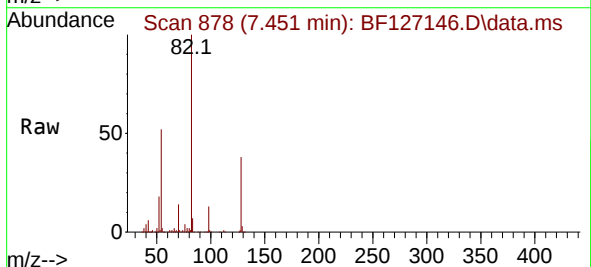
Instrument :
BNA_F
ClientSampleId :
PPSP-B19-22.5-23.0

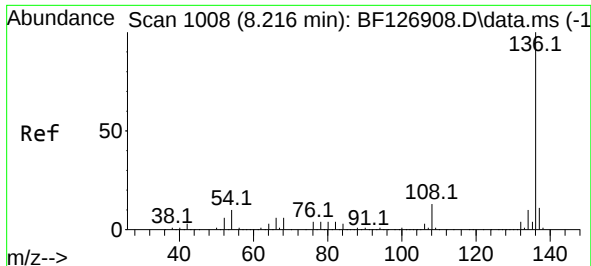
Tgt Ion: 99 Resp: 710510
Ion Ratio Lower Upper
99 100
42 18.7 14.2 21.4
71 39.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.631 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF127146.D
Acq: 02 Mar 2022 14:43

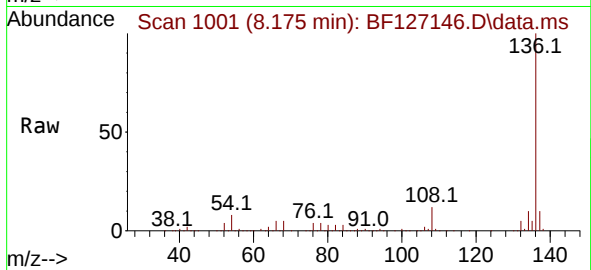
Tgt Ion: 70 Resp: 67959
Ion Ratio Lower Upper
70 100
42 45.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



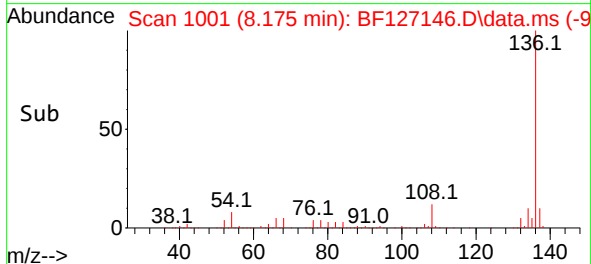
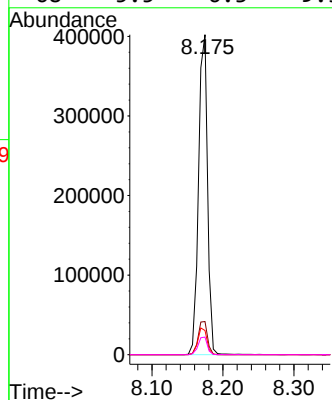


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF127146.D
Acq: 02 Mar 2022 14:43

Instrument :
BNA_F
ClientSampleId :
PPSP-B19-22.5-23.0

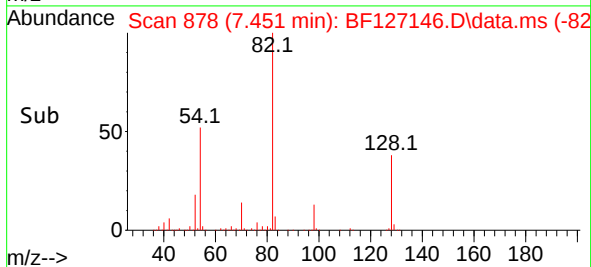
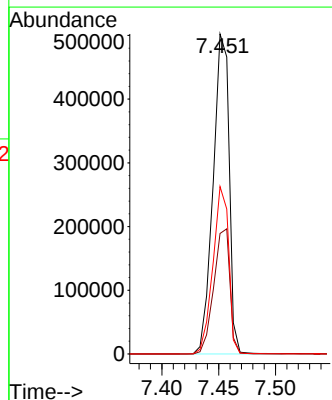
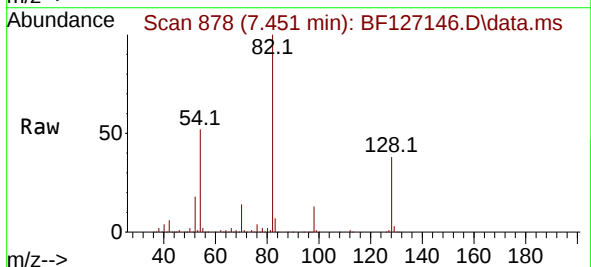


Tgt Ion:136 Resp: 355938
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 7.6 7.8 11.6#
68 5.5 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 62.644 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF127146.D
Acq: 02 Mar 2022 14:43

Tgt Ion: 82 Resp: 493992
Ion Ratio Lower Upper
82 100
128 37.7 32.7 49.1
54 52.3 41.7 62.5

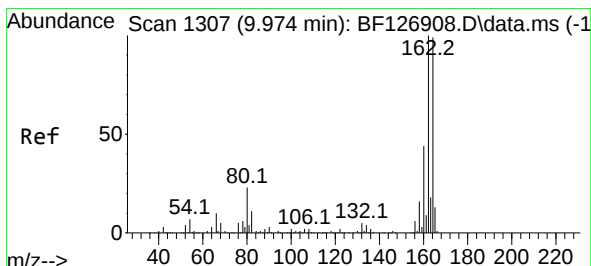
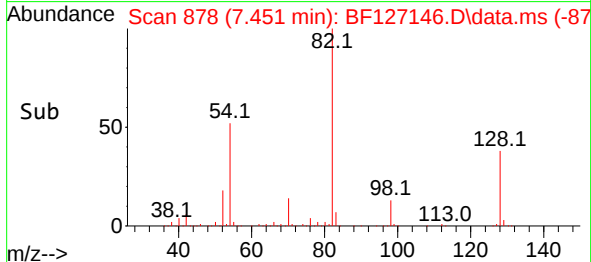
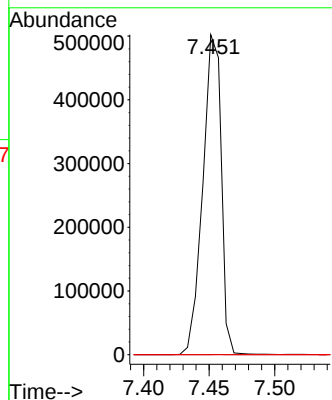
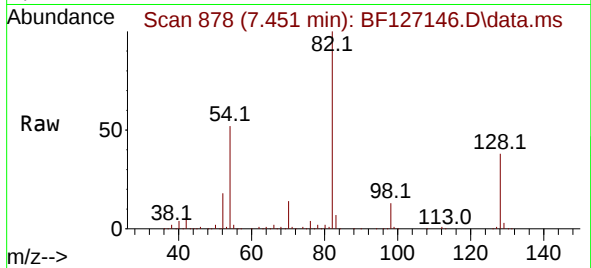




#25
Isophorone
Concen: 37.708 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127146.D
Acq: 02 Mar 2022 14:43

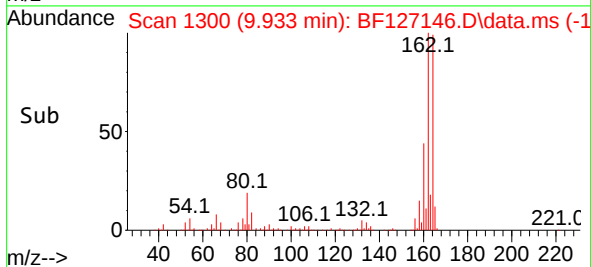
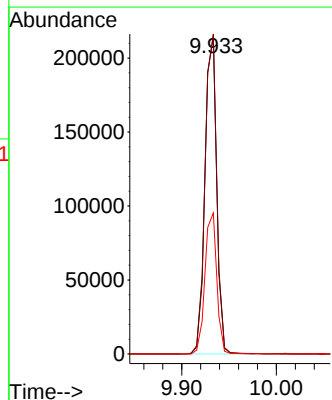
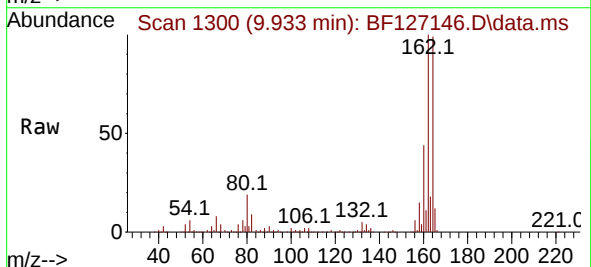
Instrument :
BNA_F
ClientSampleId :
PPSP-B19-22.5-23.0

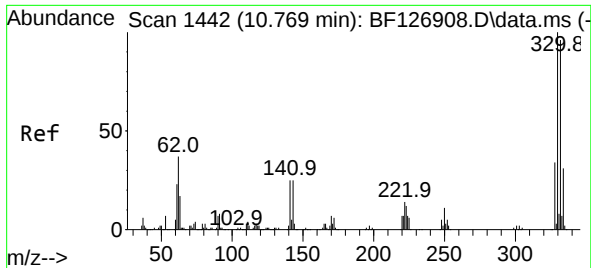
Tgt Ion: 82 Resp: 492046
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127146.D
Acq: 02 Mar 2022 14:43

Tgt Ion:164 Resp: 183395
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 44.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 99.000 ng

RT: 10.722 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127146.D

Acq: 02 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PPSP-B19-22.5-23.0

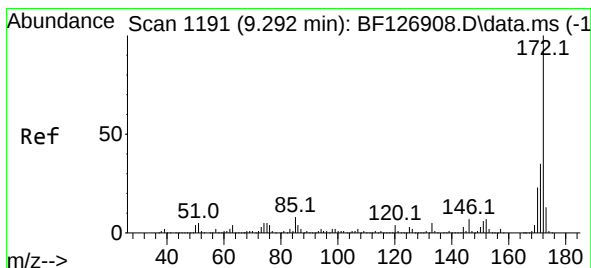
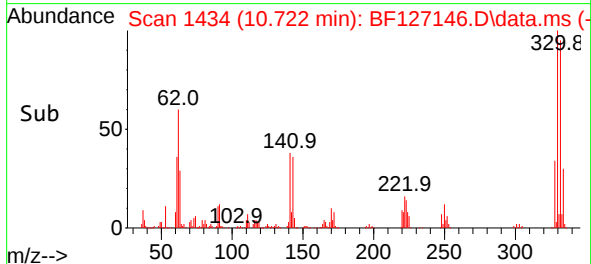
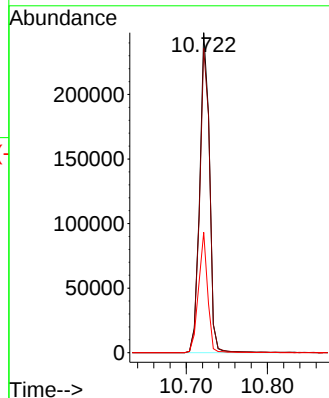
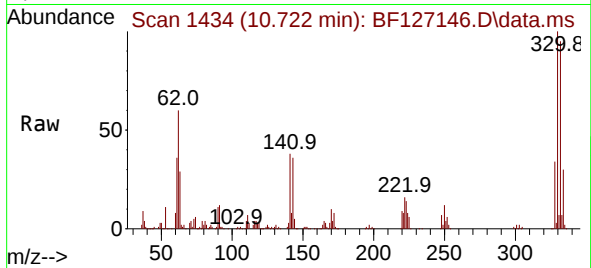
Tgt Ion:330 Resp: 209042

Ion Ratio Lower Upper

330 100

332 96.9 76.0 114.0

141 34.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 65.420 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127146.D

Acq: 02 Mar 2022 14:43

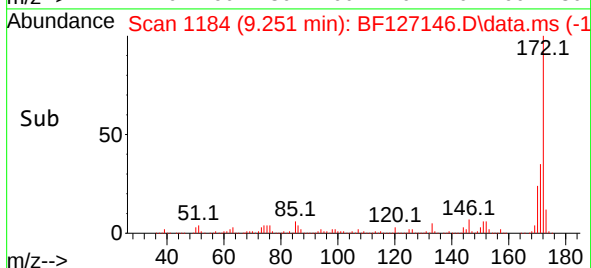
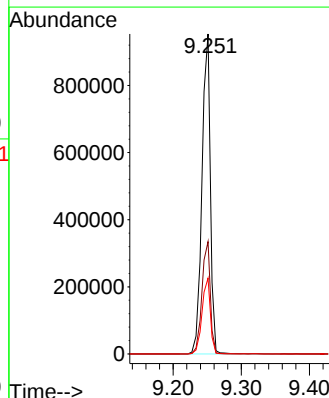
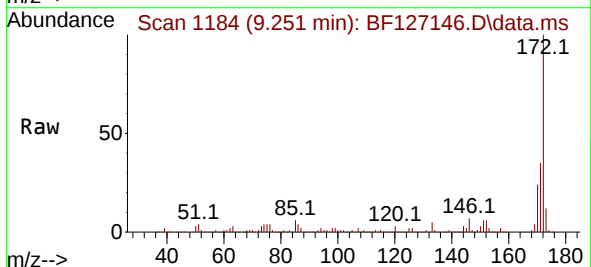
Tgt Ion:172 Resp: 814980

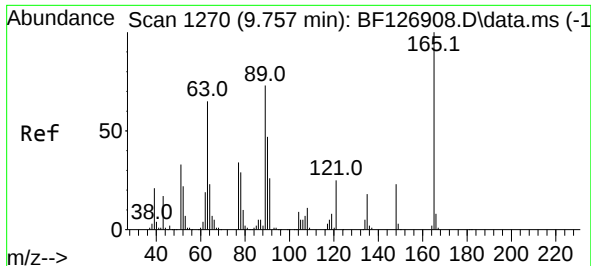
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.7 19.0 28.6

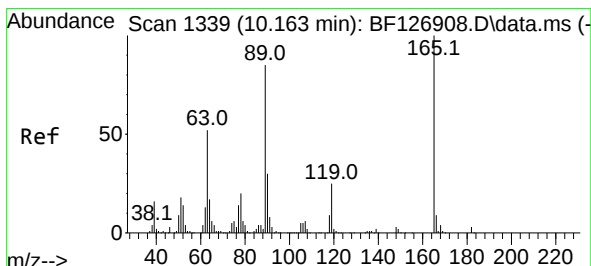
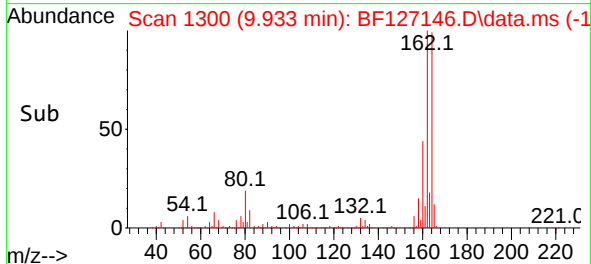
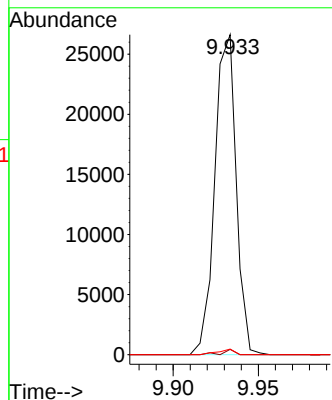
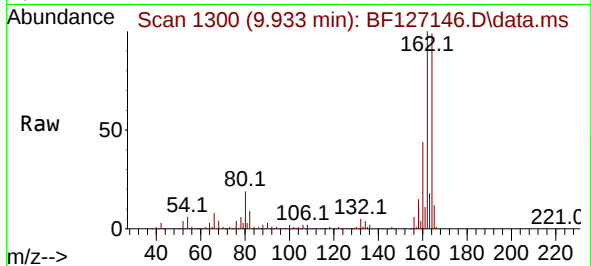




#51
2,6-Dinitrotoluene
Concen: 8.694 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127146.D
Acq: 02 Mar 2022 14:43

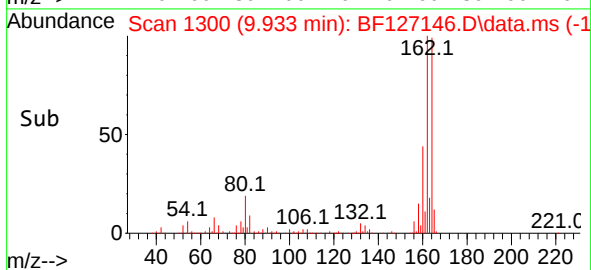
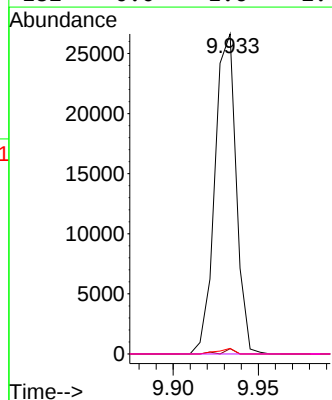
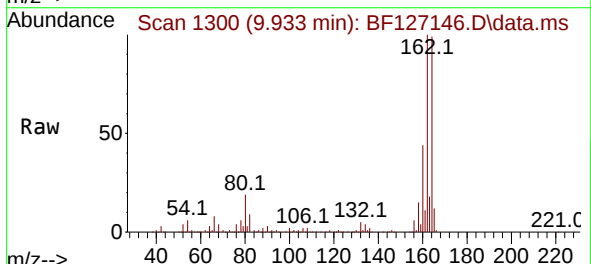
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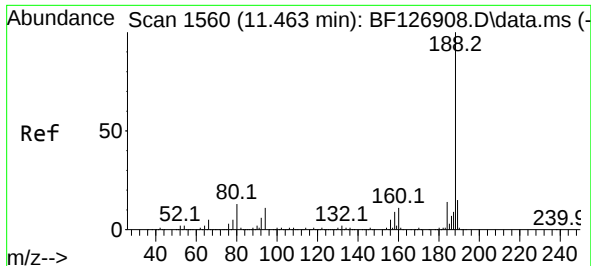
Tgt Ion:165 Resp: 23186
Ion Ratio Lower Upper
165 100
63 1.7 48.4 72.6#
89 1.8 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.430 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.194 min
Lab File: BF127146.D
Acq: 02 Mar 2022 14:43

Tgt Ion:165 Resp: 23186
Ion Ratio Lower Upper
165 100
63 1.7 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#

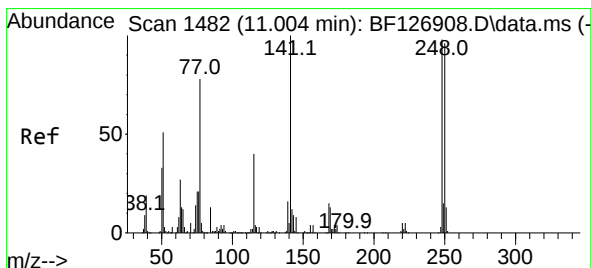
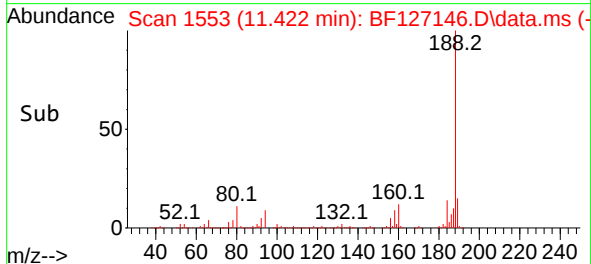
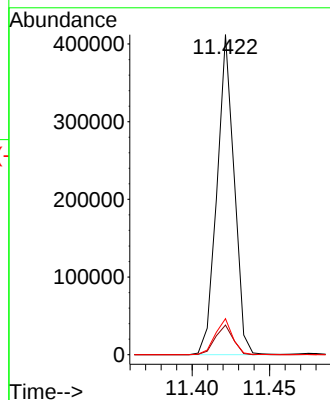
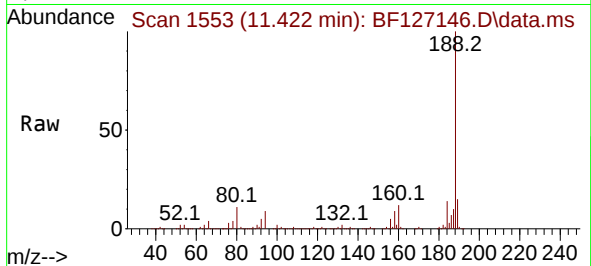




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127146.D
Acq: 02 Mar 2022 14:43

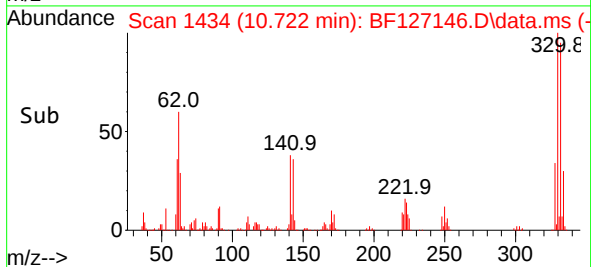
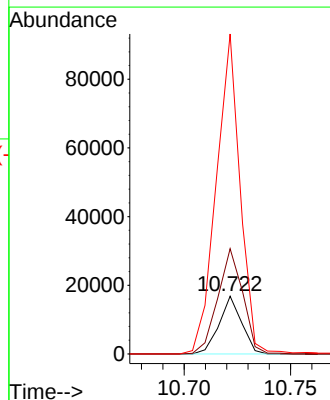
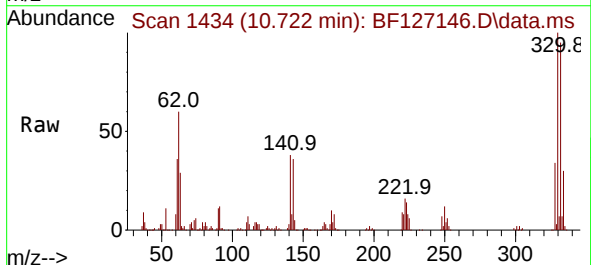
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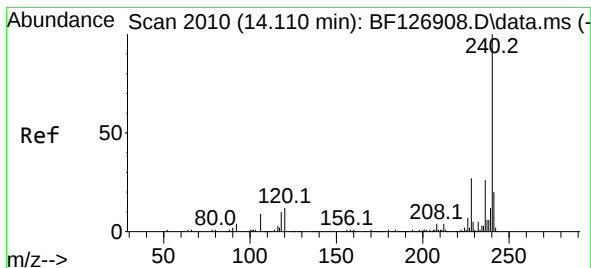
Tgt Ion:188 Resp: 317518
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 11.3 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.477 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF127146.D
Acq: 02 Mar 2022 14:43

Tgt Ion:248 Resp: 12334
Ion Ratio Lower Upper
248 100
250 182.5 76.2 114.4#
141 554.5 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF127146.D

Acq: 02 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PPSP-B19-22.5-23.0

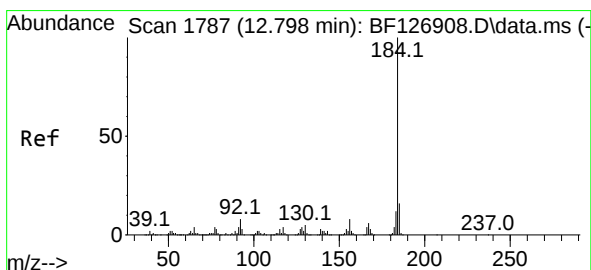
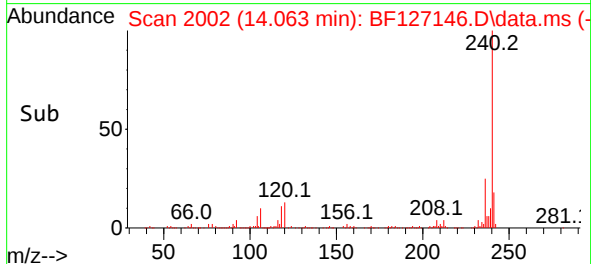
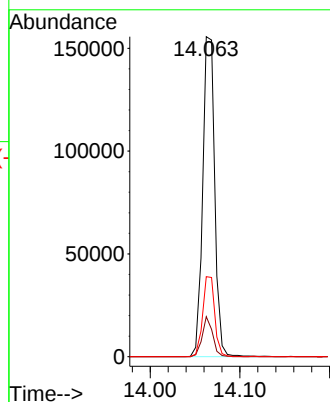
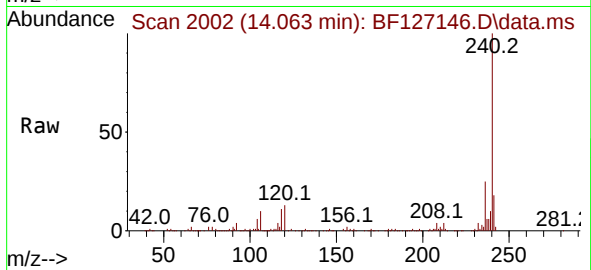
Tgt Ion:240 Resp: 144946

Ion Ratio Lower Upper

240 100

120 12.5 14.4 21.6#

236 25.0 20.5 30.7



#77

Benidine

Concen: 2.980 ng

RT: 13.010 min Scan# 1823

Delta R.T. 0.247 min

Lab File: BF127146.D

Acq: 02 Mar 2022 14:43

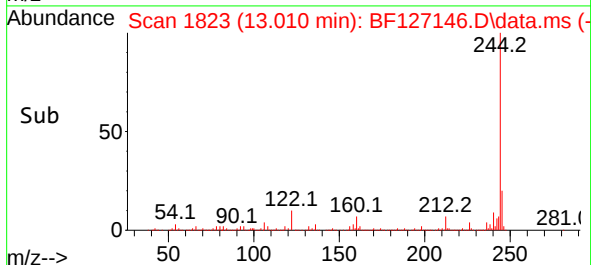
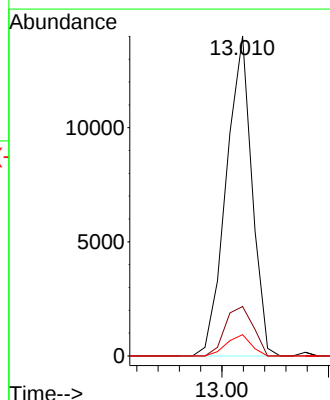
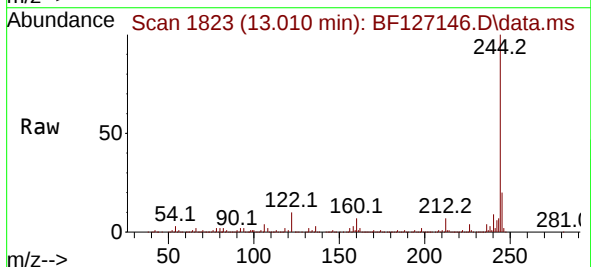
Tgt Ion:184 Resp: 11739

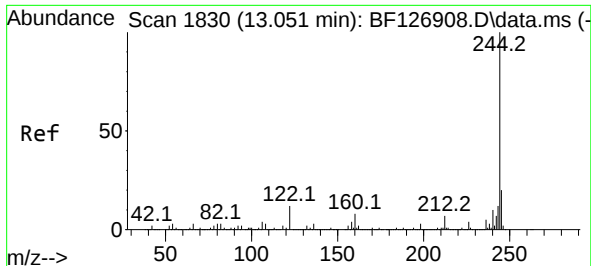
Ion Ratio Lower Upper

184 100

185 15.4 11.8 17.8

183 6.6 8.2 12.2#

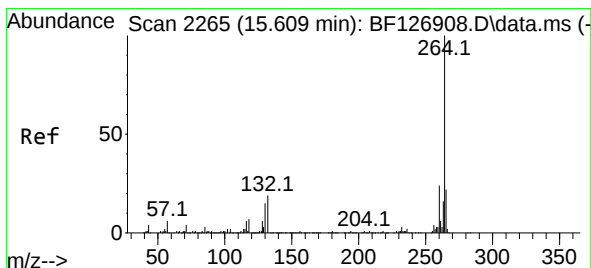
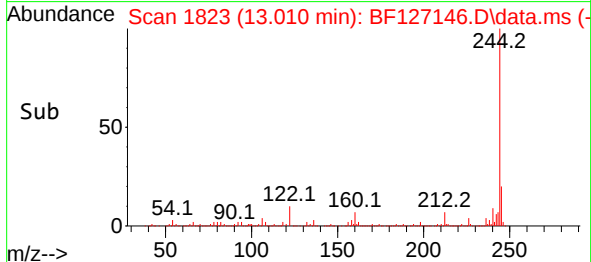
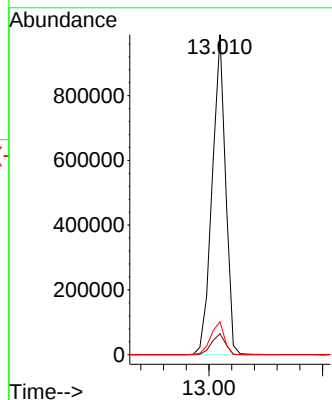
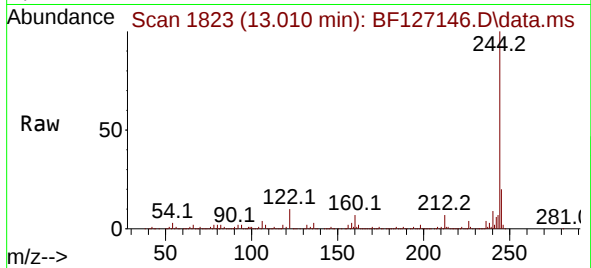




#79
 Terphenyl-d14
 Concen: 81.680 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127146.D
 Acq: 02 Mar 2022 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PPSP-B19-22.5-23.0

Tgt Ion:244 Resp: 805361
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.3 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.006 min
 Lab File: BF127146.D
 Acq: 02 Mar 2022 14:43

Tgt Ion:264 Resp: 153231
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 21.5 17.4 26.2

