

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127072.D
 Acq On : 25 Feb 2022 15:49
 Operator : CG\JU
 Sample : N1657-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GROUP-1

Quant Time: Feb 26 01:39:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

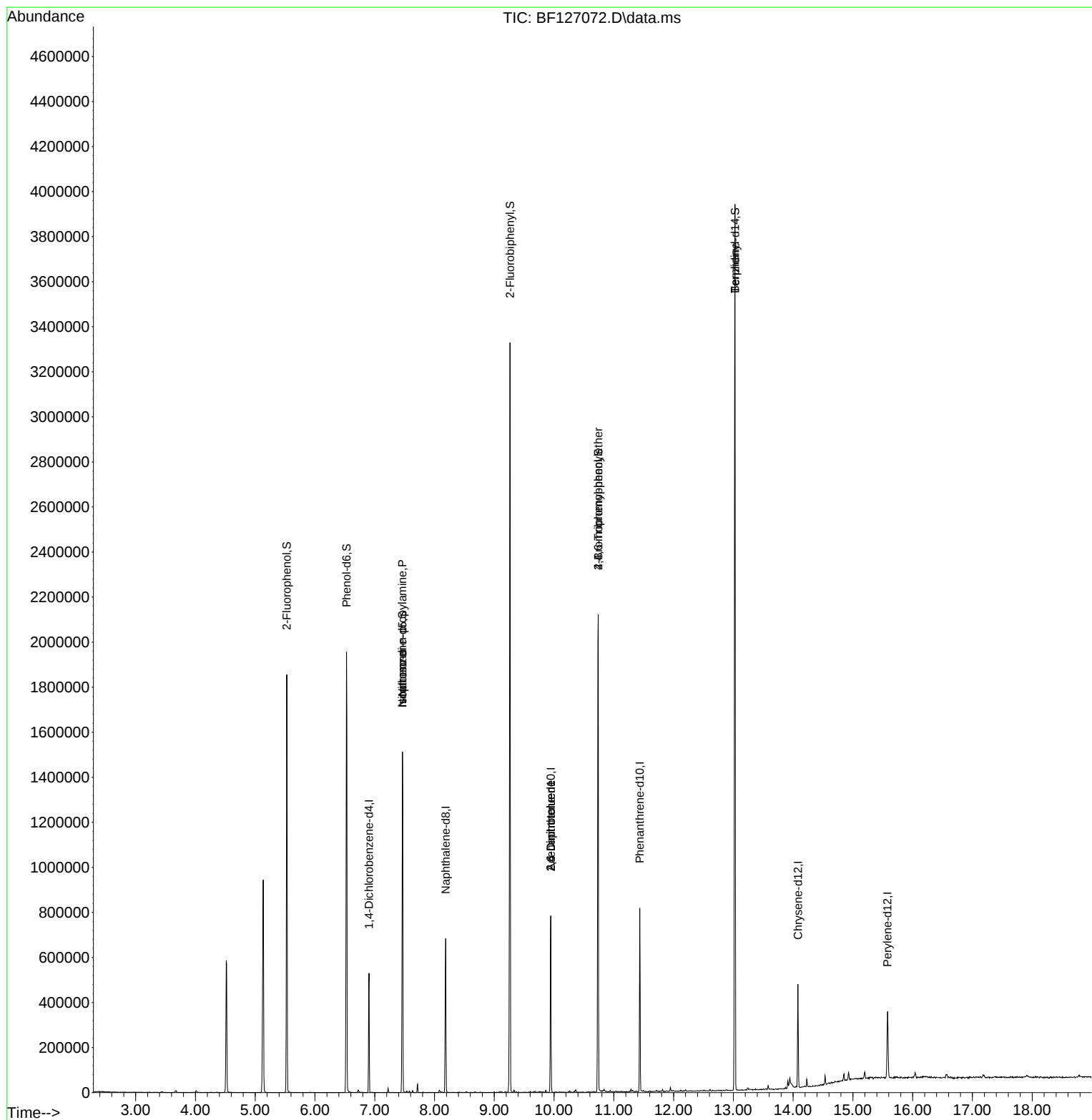
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	69453	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	279007	20.000	ng	# 0.00
39) Acenaphthene-d10	9.945	164	142480	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	255483	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	132912	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	122573	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	415564	92.478	ng	0.00
7) Phenol-d6	6.528	99	636236	104.928	ng	-0.01
23) Nitrobenzene-d5	7.463	82	497428	80.473	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	248657	151.577	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	913748	94.412	ng	0.00
79) Terphenyl-d14	13.027	244	1256787	139.004	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	70057	17.930	ng	# 79
25) Isophorone	7.463	82	495913	48.484	ng	# 69
51) 2,6-Dinitrotoluene	9.945	165	19102	9.219	ng	# 22
57) 2,4-Dinitrotoluene	9.945	165	19102	6.818	ng	# 16
67) 4-Bromophenyl-phenylether	10.739	248	15460	5.416	ng	# 1
77) Benzydine	13.027	184	18970	5.252	ng	# 94

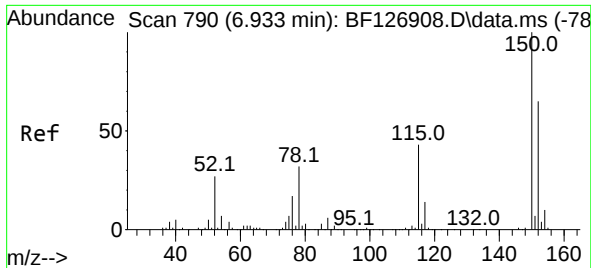
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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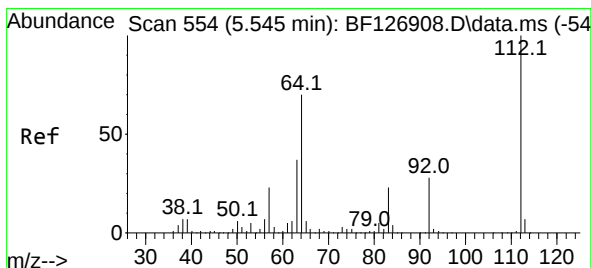
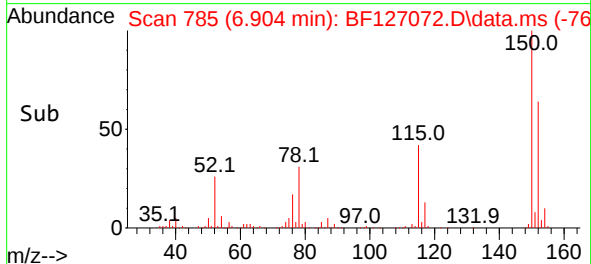
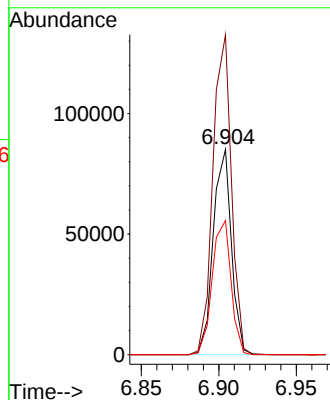
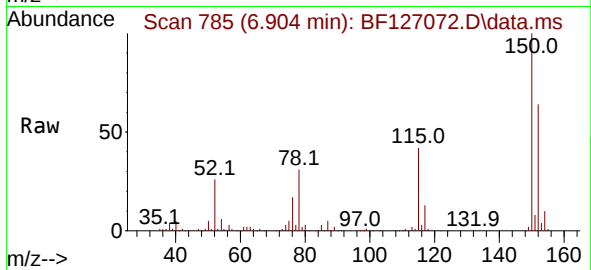




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127072.D
 Acq: 25 Feb 2022 15:49

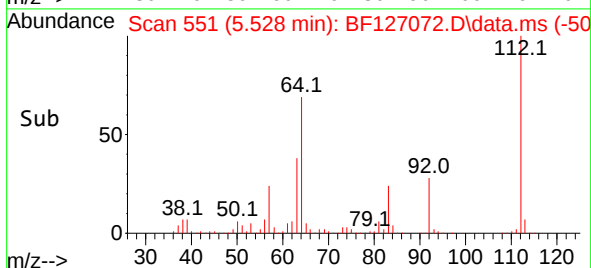
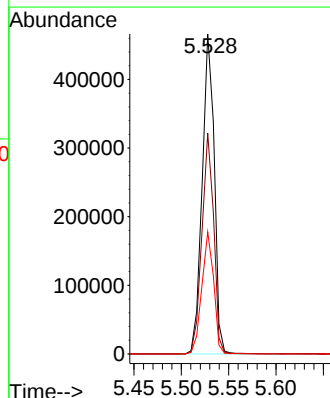
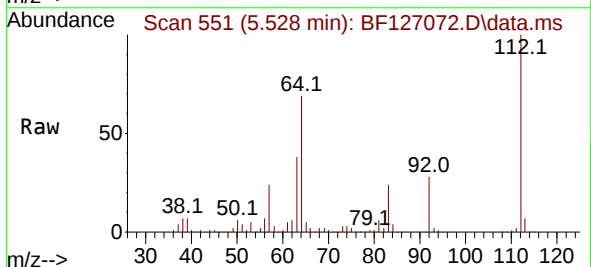
Instrument :
 BNA_F
 ClientSampleId :
 GROUP-1

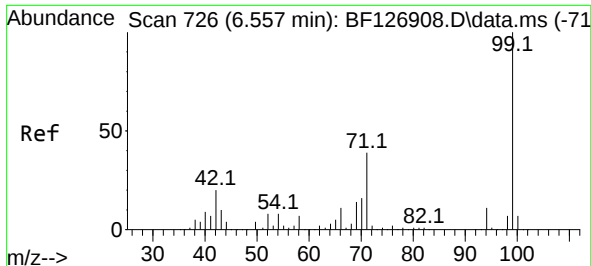
Tgt Ion:152 Resp: 69453
 Ion Ratio Lower Upper
 152 100
 150 155.9 128.1 192.1
 115 65.3 56.7 85.1



#5
 2-Fluorophenol
 Concen: 92.478 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.000 min
 Lab File: BF127072.D
 Acq: 25 Feb 2022 15:49

Tgt Ion:112 Resp: 415564
 Ion Ratio Lower Upper
 112 100
 64 69.0 49.5 74.3
 63 38.1 23.9 35.9#

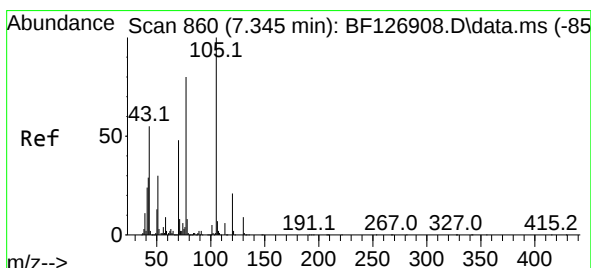
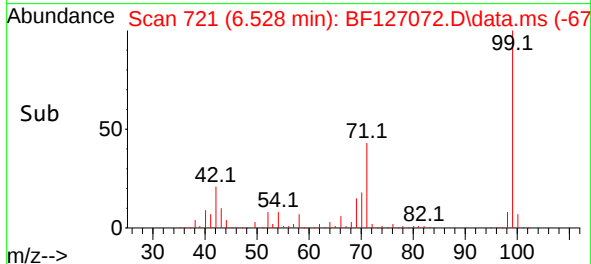
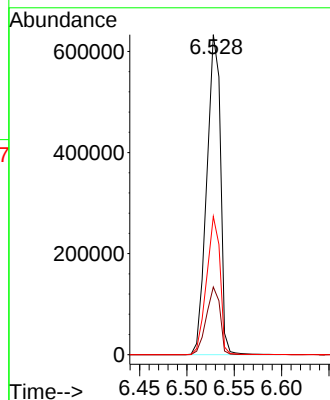
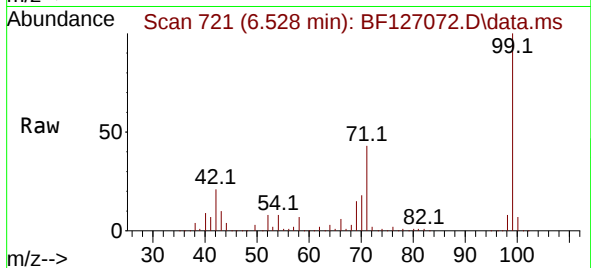




#7
Phenol-d6
Concen: 104.928 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

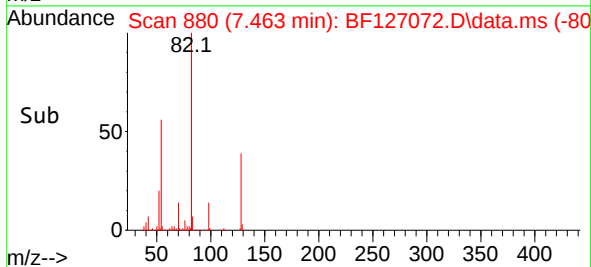
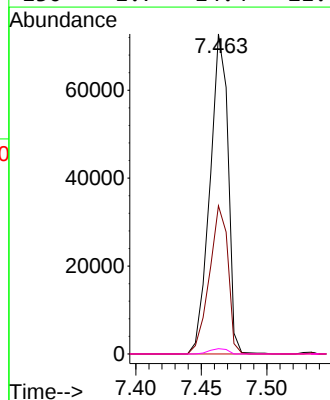
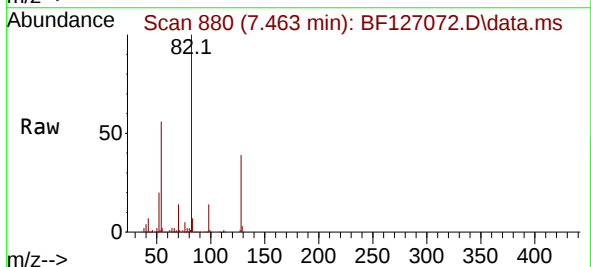
Instrument :
BNA_F
ClientSampleId :
GROUP-1

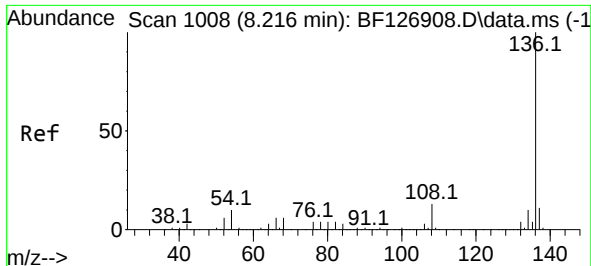
Tgt Ion: 99 Resp: 636236
Ion Ratio Lower Upper
99 100
42 21.1 14.2 21.4
71 43.2 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.930 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.141 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

Tgt Ion: 70 Resp: 70057
Ion Ratio Lower Upper
70 100
42 46.3 45.8 68.8
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

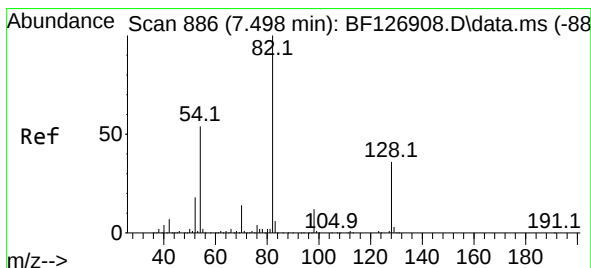
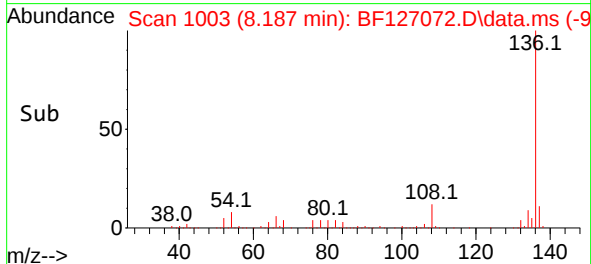
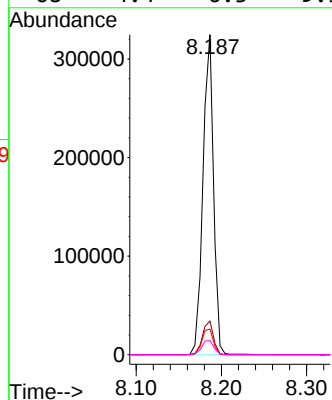
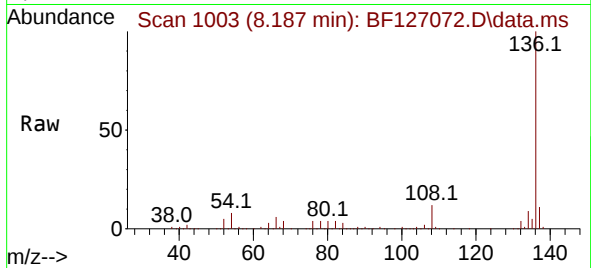




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

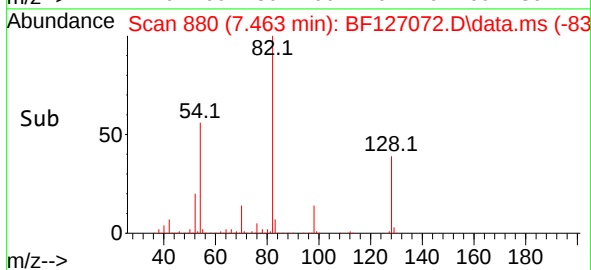
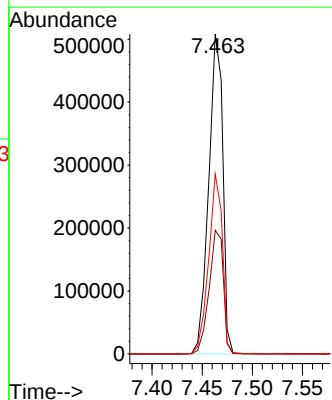
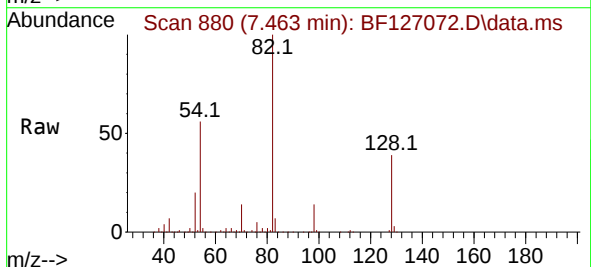
Instrument :
BNA_F
ClientSampleId :
GROUP-1

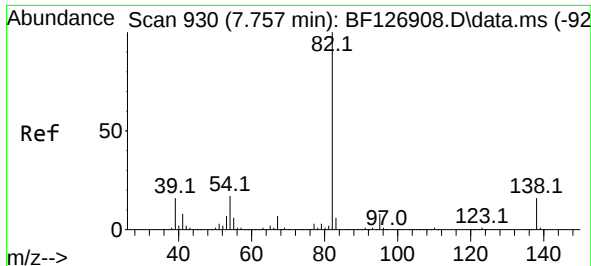
Tgt Ion:136 Resp: 279007
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.0 7.8 11.6
68 4.4 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 80.473 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

Tgt Ion: 82 Resp: 497428
Ion Ratio Lower Upper
82 100
128 38.7 32.7 49.1
54 56.2 41.7 62.5

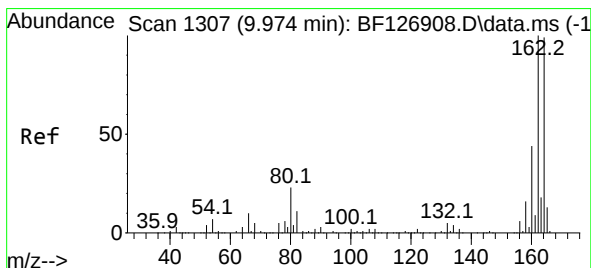
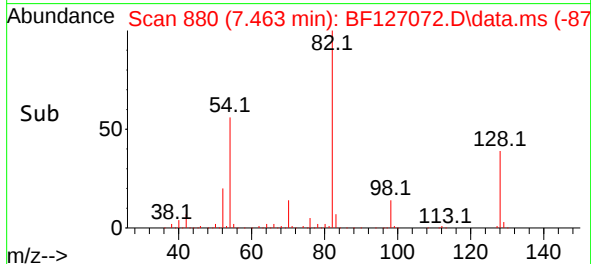
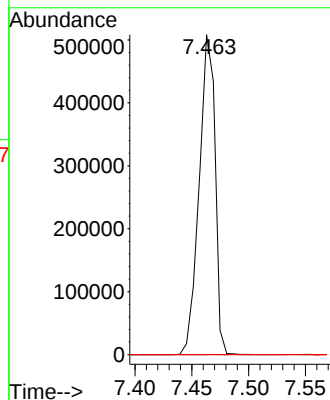
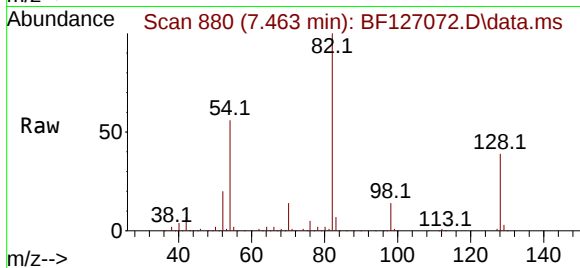




#25
Isophorone
Concen: 48.484 ng
RT: 7.463 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

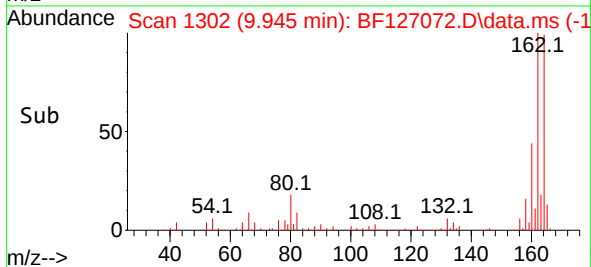
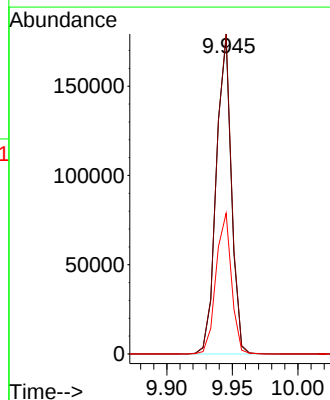
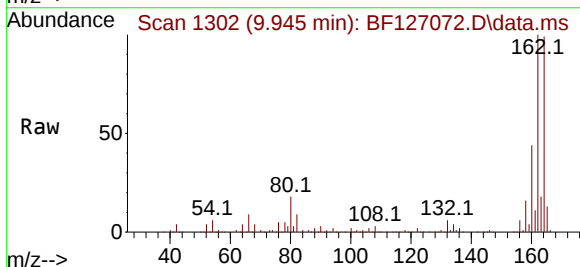
Instrument :
BNA_F
ClientSampleId :
GROUP-1

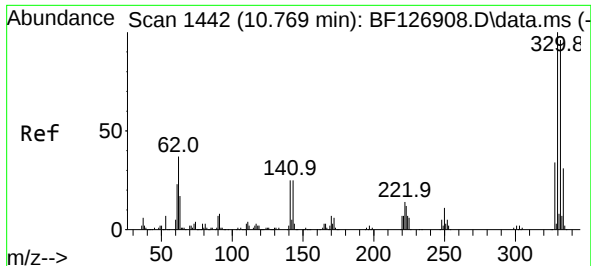
Tgt Ion: 82 Resp: 495913
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

Tgt Ion: 164 Resp: 142480
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.5 36.6 54.8

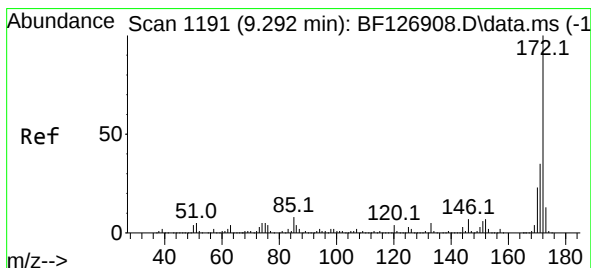
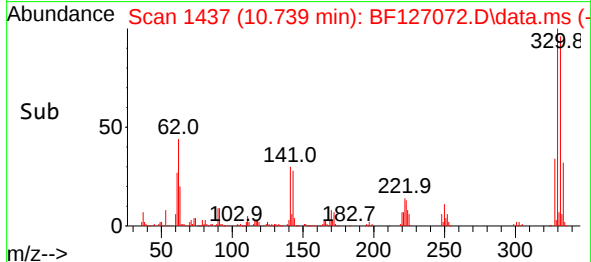
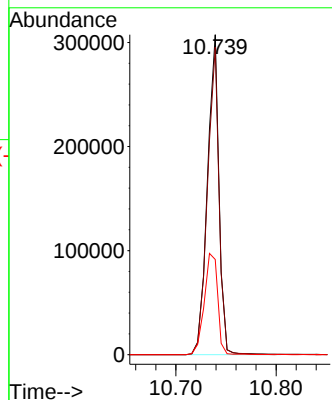
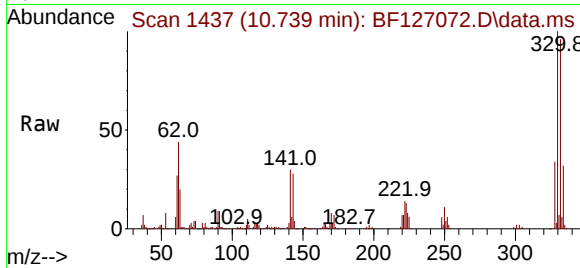




#42
 2,4,6-Tribromophenol
 Concen: 151.577 ng
 RT: 10.739 min Scan# 1442
 Delta R.T. -0.006 min
 Lab File: BF127072.D
 Acq: 25 Feb 2022 15:49

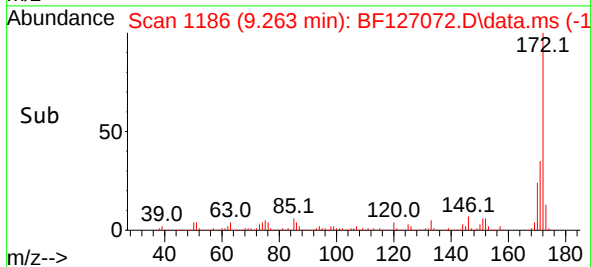
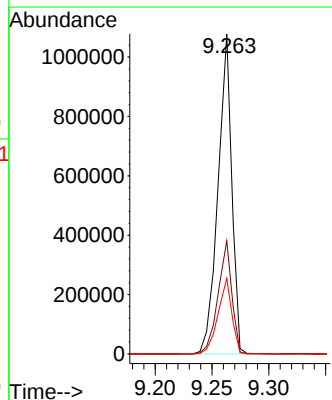
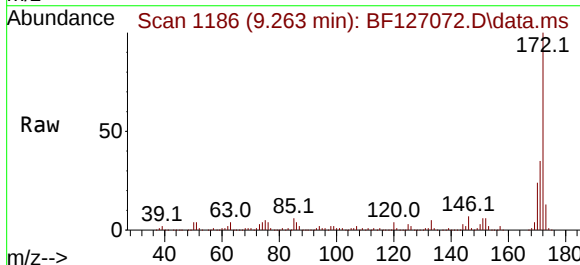
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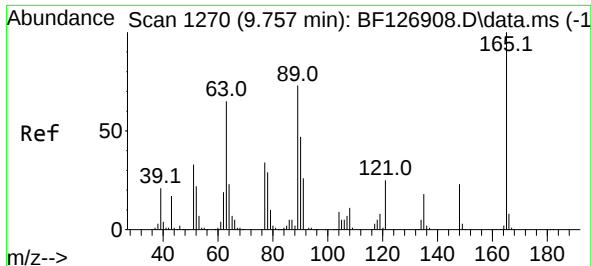
Tgt Ion:330 Resp: 248657
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.0 114.0
 141 36.7 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 94.412 ng
 RT: 9.263 min Scan# 1186
 Delta R.T. -0.006 min
 Lab File: BF127072.D
 Acq: 25 Feb 2022 15:49

Tgt Ion:172 Resp: 913748
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.6 19.0 28.6

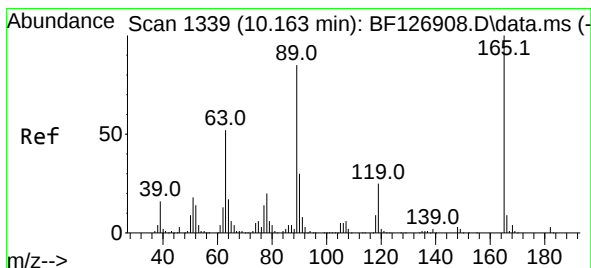
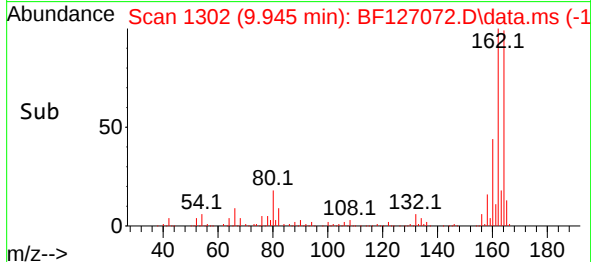
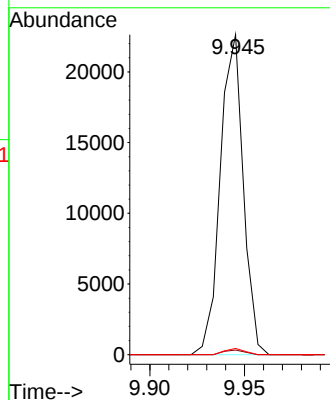
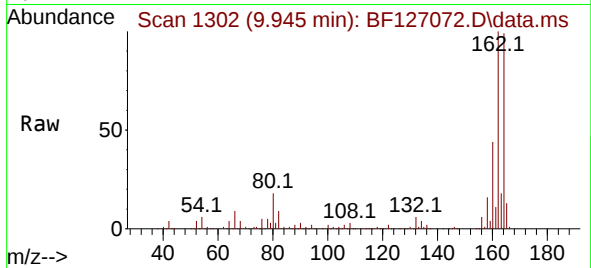




#51
2,6-Dinitrotoluene
Concen: 9.219 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

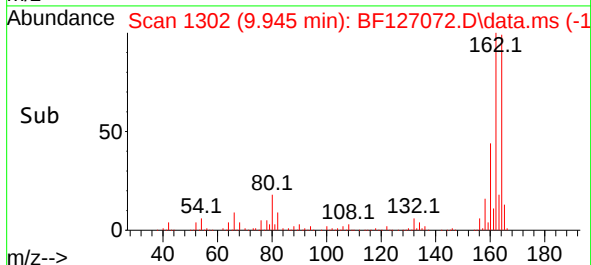
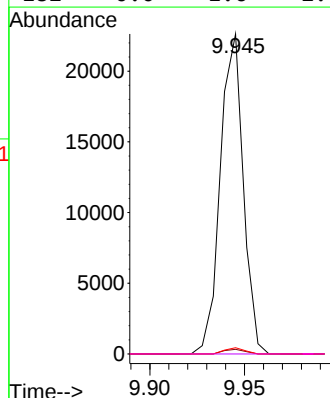
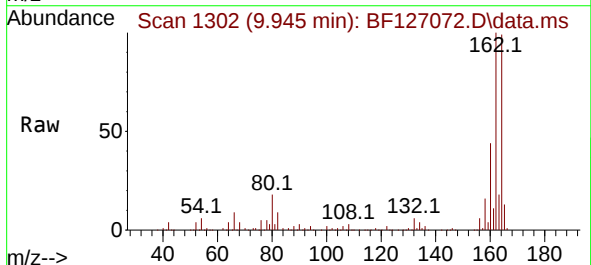
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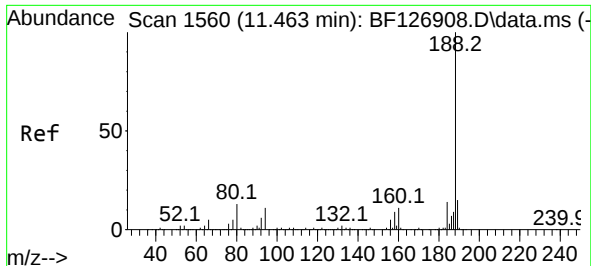
Tgt Ion:165 Resp: 19102
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.9 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.818 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.194 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

Tgt Ion:165 Resp: 19102
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.9 71.0 106.4#
182 0.0 1.6 2.4#

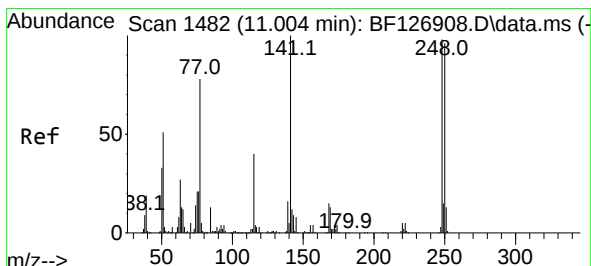
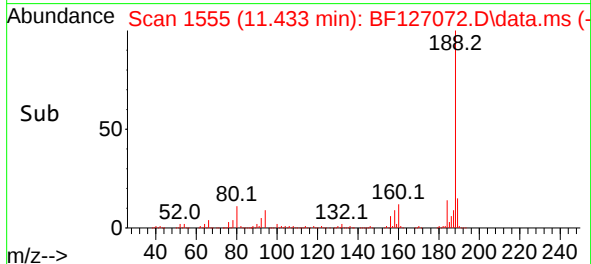
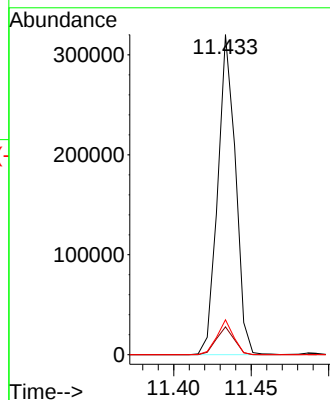
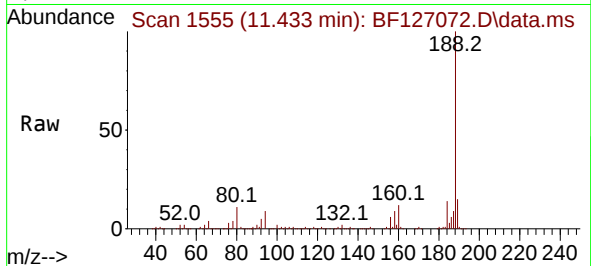




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

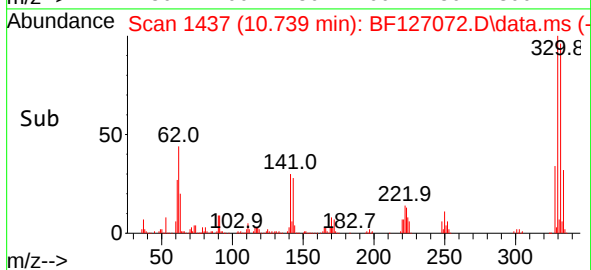
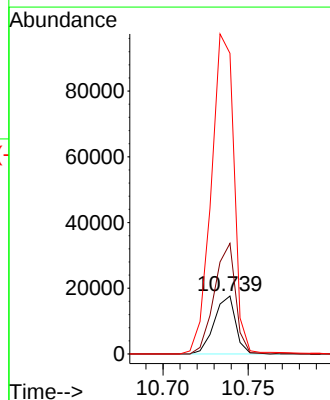
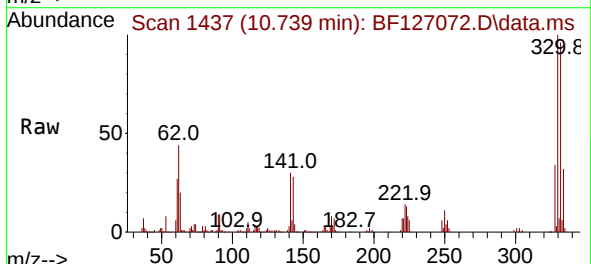
Instrument :
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ClientSampleId :
GROUP-1

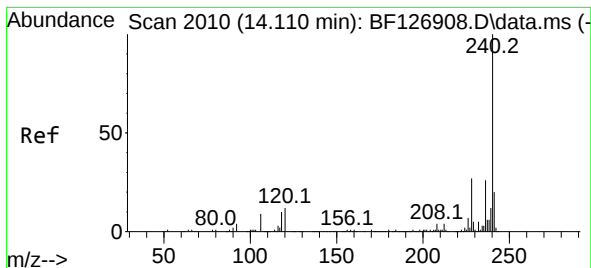
Tgt Ion:188 Resp: 255483
Ion Ratio Lower Upper
188 100
94 8.7 10.1 15.1#
80 10.9 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 5.416 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF127072.D
Acq: 25 Feb 2022 15:49

Tgt Ion:248 Resp: 15460
Ion Ratio Lower Upper
248 100
250 190.8 76.2 114.4#
141 518.5 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127072.D

Acq: 25 Feb 2022 15:49

Instrument :

BNA_F

ClientSampleId :

GROUP-1

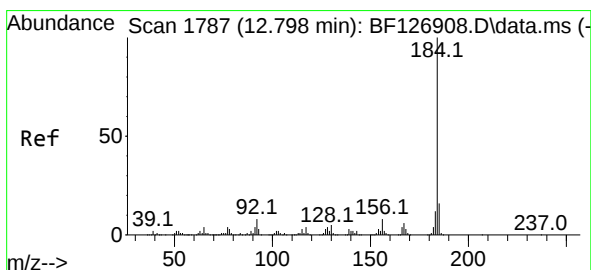
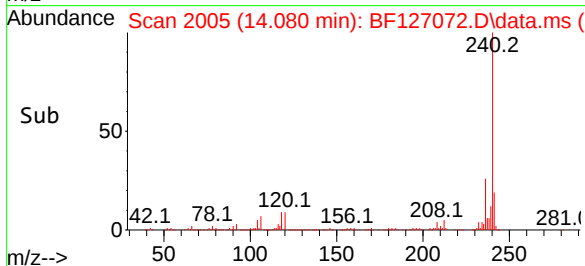
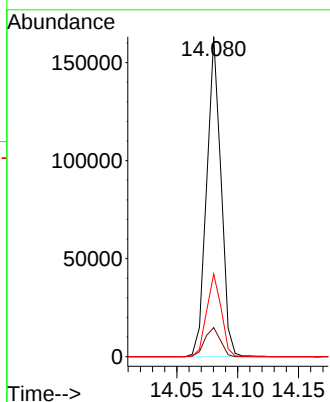
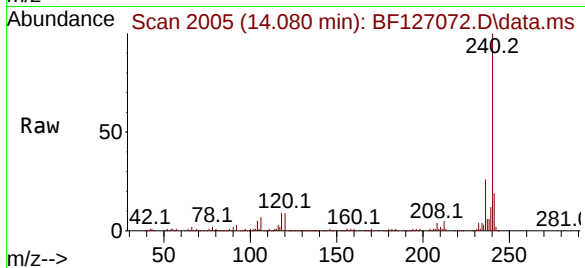
Tgt Ion:240 Resp: 132912

Ion Ratio Lower Upper

240 100

120 9.1 14.4 21.6#

236 25.8 20.5 30.7



#77

Benzidine

Concen: 5.252 ng

RT: 13.027 min Scan# 1826

Delta R.T. 0.253 min

Lab File: BF127072.D

Acq: 25 Feb 2022 15:49

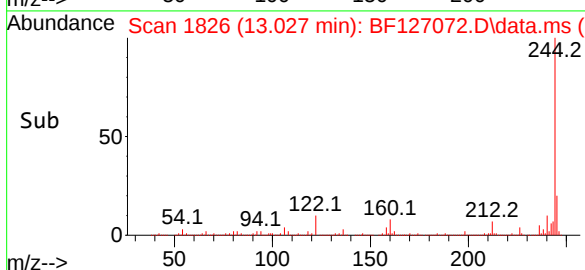
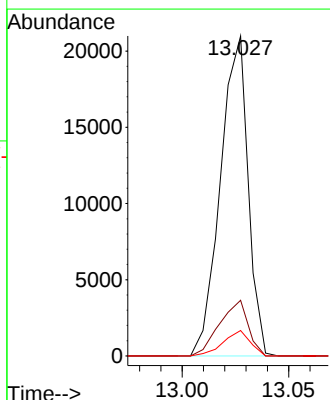
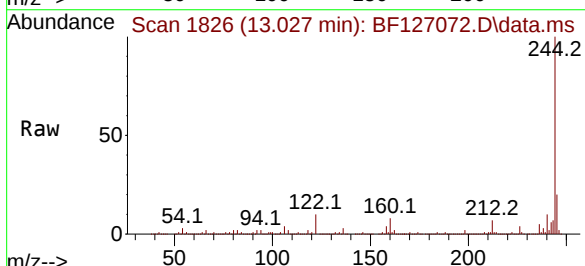
Tgt Ion:184 Resp: 18970

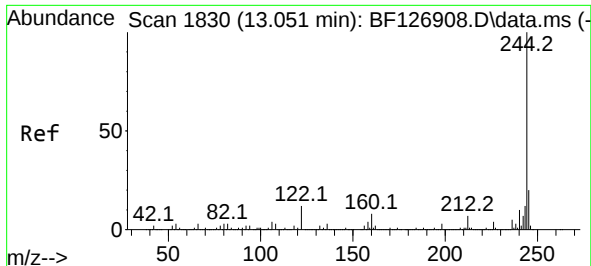
Ion Ratio Lower Upper

184 100

185 17.4 11.8 17.8

183 8.0 8.2 12.2#

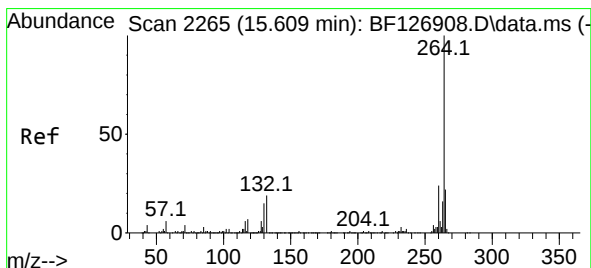
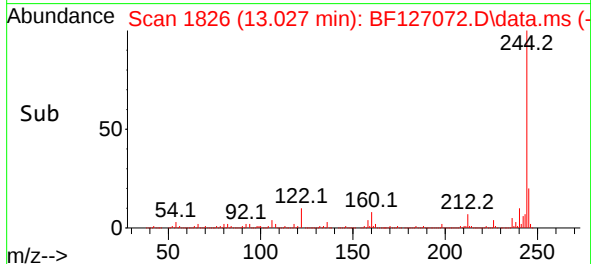
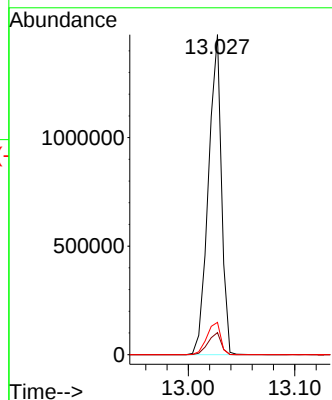
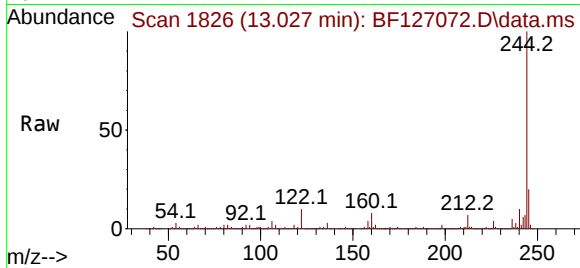




#79
 Terphenyl-d14
 Concen: 139.004 ng
 RT: 13.027 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127072.D
 Acq: 25 Feb 2022 15:49

Instrument :
 BNA_F
 ClientSampleId :
 GROUP-1

Tgt Ion:244 Resp: 1256787
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.0 7.4
 122 10.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF127072.D
 Acq: 25 Feb 2022 15:49

Tgt Ion:264 Resp: 122573
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 22.4 17.4 26.2

