

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127003.D
 Acq On : 22 Feb 2022 11:56
 Operator : CG\JU
 Sample : PB142794BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142794BL

Quant Time: Feb 22 12:38:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

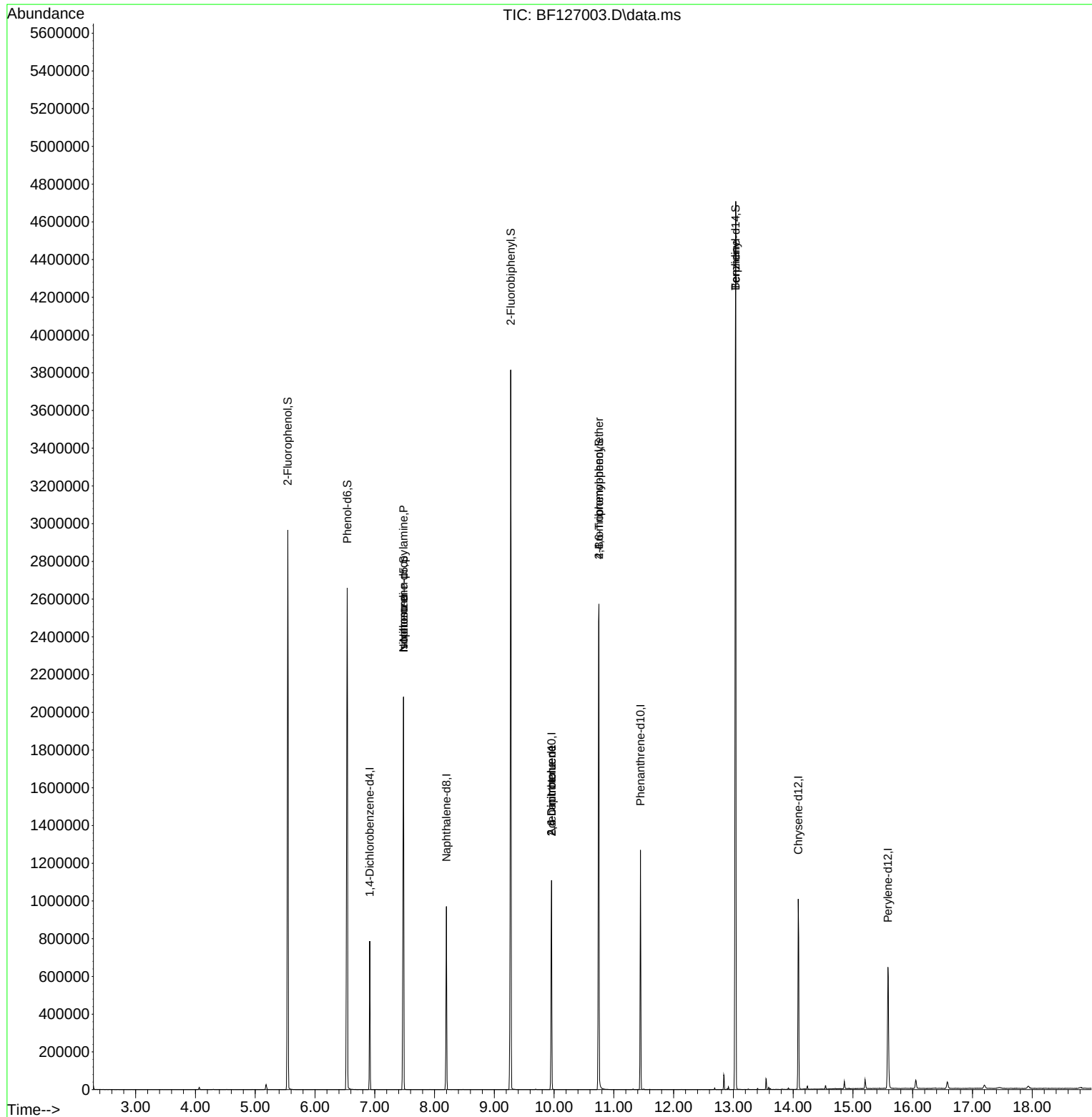
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	96900	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	393021	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	203893	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	394669	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	319958	20.000	ng	#-0.01
86) Perylene-d12	15.586	264	279841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	775801	123.742	ng	0.00
7) Phenol-d6	6.540	99	1020098	120.582	ng	0.00
23) Nitrobenzene-d5	7.481	82	717773	82.434	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	330658	140.852	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1188405	85.806	ng	0.00
79) Terphenyl-d14	13.039	244	1563143	71.818	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	98477	18.065	ng	# 81
25) Isophorone	7.481	82	716265	49.712	ng	# 69
51) 2,6-Dinitrotoluene	9.957	165	26682	8.999	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	26682	6.655	ng	# 16
67) 4-Bromophenyl-phenylether	10.751	248	19452	4.411	ng	# 1
77) Benzydine	13.039	184	22784	2.620	ng	95

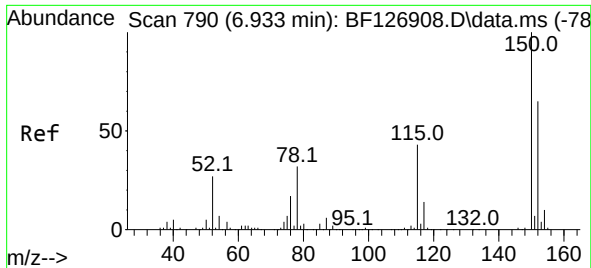
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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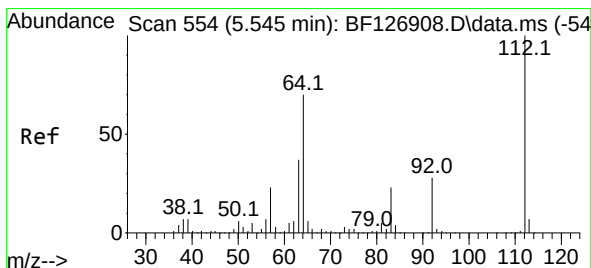
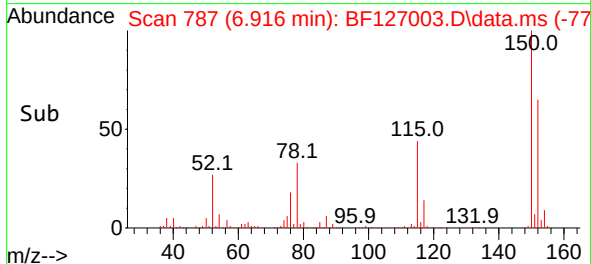
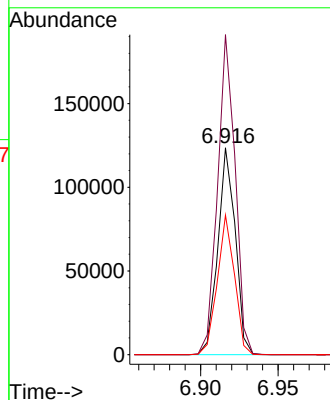
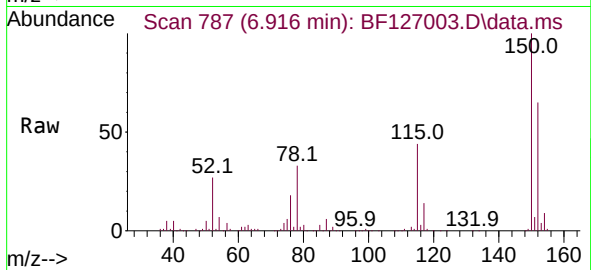




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127003.D
Acq: 22 Feb 2022 11:56

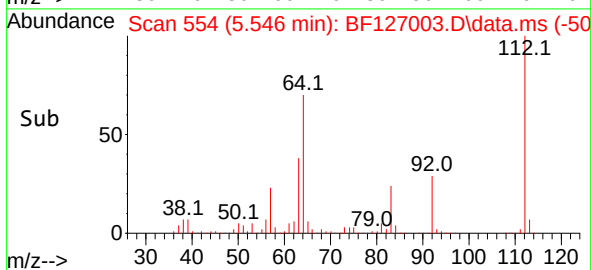
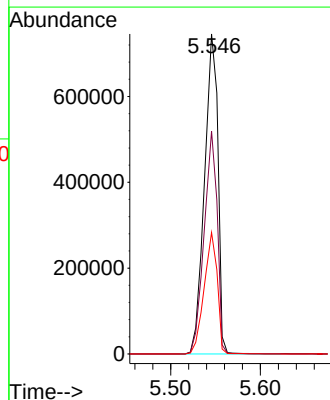
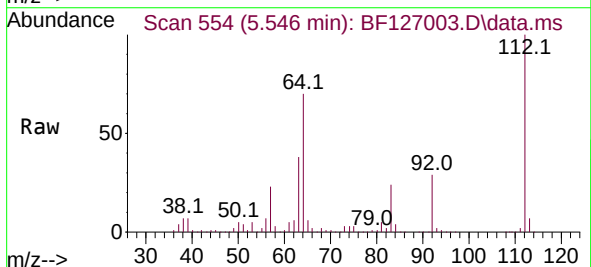
Instrument :
BNA_F
ClientSampleId :
PB142794BL

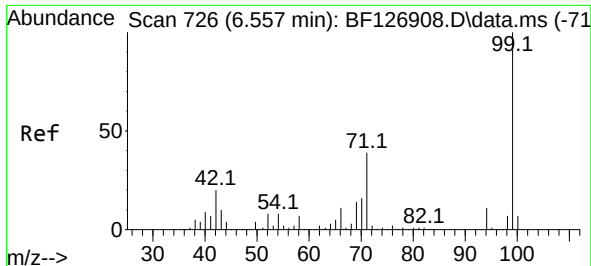
Tgt Ion:152 Resp: 96900
Ion Ratio Lower Upper
152 100
150 154.7 128.1 192.1
115 67.5 56.7 85.1



#5
2-Fluorophenol
Concen: 123.742 ng
RT: 5.546 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF127003.D
Acq: 22 Feb 2022 11:56

Tgt Ion:112 Resp: 775801
Ion Ratio Lower Upper
112 100
64 69.7 49.5 74.3
63 37.9 23.9 35.9#

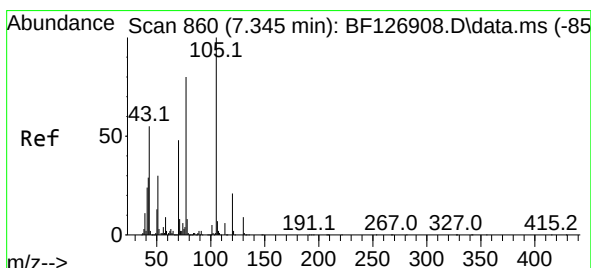
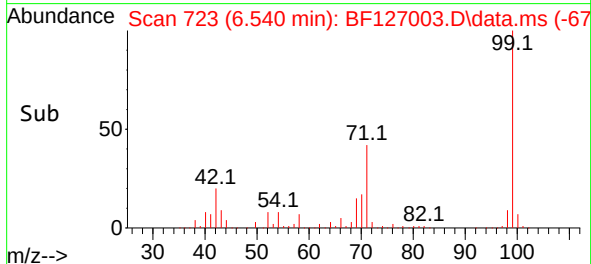
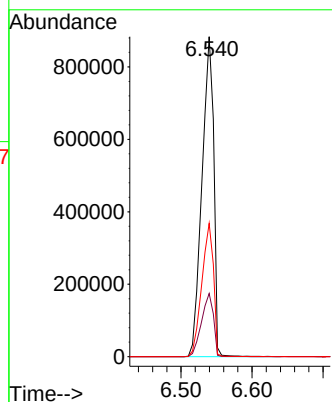
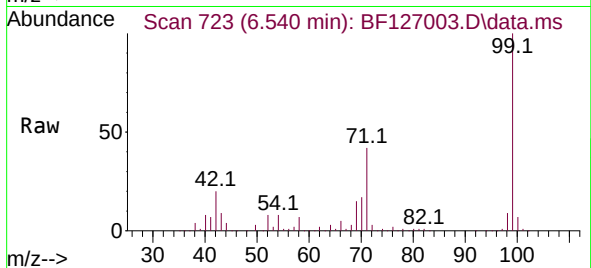




#7
Phenol-d6
Concen: 120.582 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127003.D
Acq: 22 Feb 2022 11:56

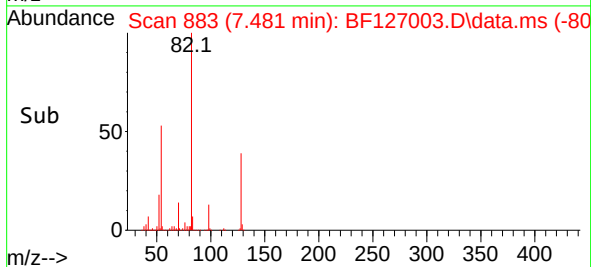
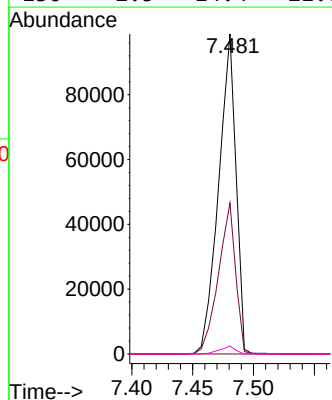
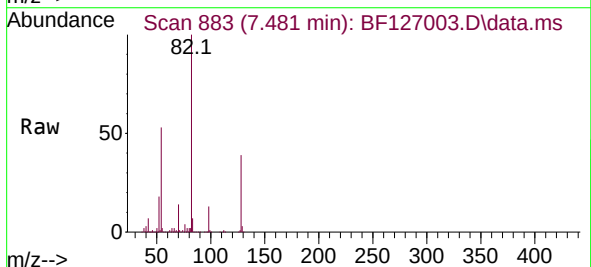
Instrument :
BNA_F
ClientSampleId :
PB142794BL

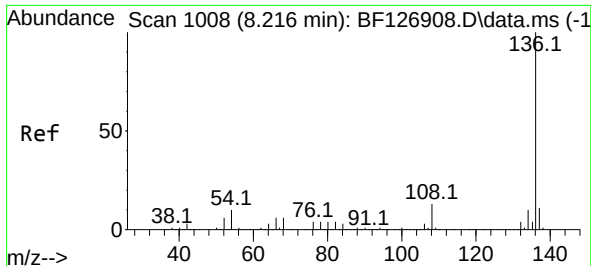
Tgt Ion: 99 Resp: 1020098
Ion Ratio Lower Upper
99 100
42 19.7 14.2 21.4
71 41.7 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.065 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF127003.D
Acq: 22 Feb 2022 11:56

Tgt Ion: 70 Resp: 98477
Ion Ratio Lower Upper
70 100
42 47.2 45.8 68.8
101 0.0 6.9 10.3#
130 2.5 14.4 21.6#

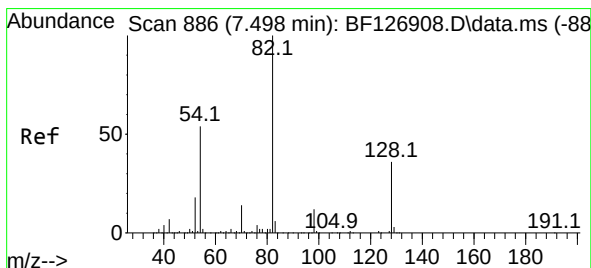
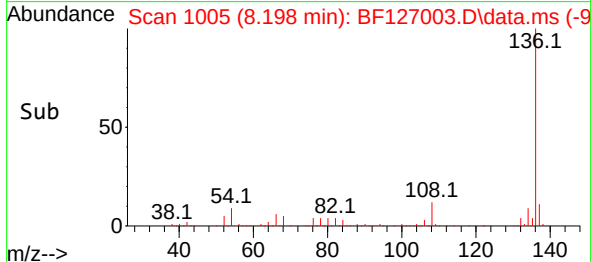
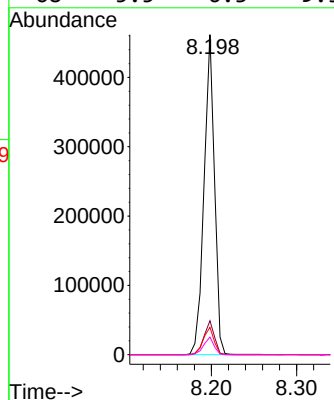
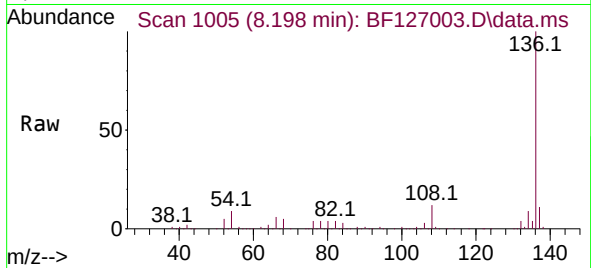




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF127003.D
Acq: 22 Feb 2022 11:56

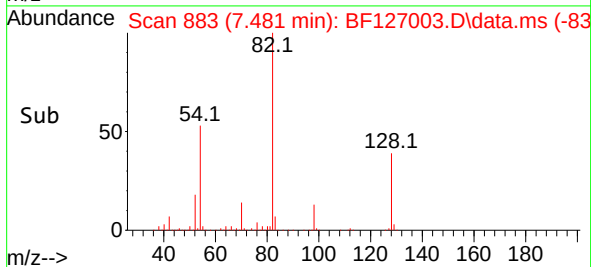
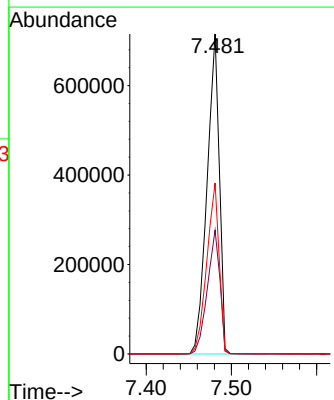
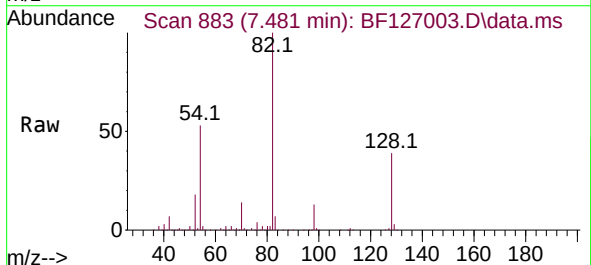
Instrument :
BNA_F
ClientSampleId :
PB142794BL

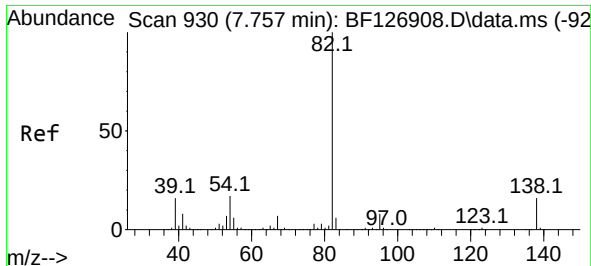
Tgt Ion:	136	Resp:	393021
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	8.5	7.8	11.6
68	5.5	6.3	9.5



#23
Nitrobenzene-d5
Concen: 82.434 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF127003.D
Acq: 22 Feb 2022 11:56

Tgt Ion:	82	Resp:	717773
Ion Ratio	Lower	Upper	
82	100		
128	38.7	32.7	49.1
54	53.4	41.7	62.5

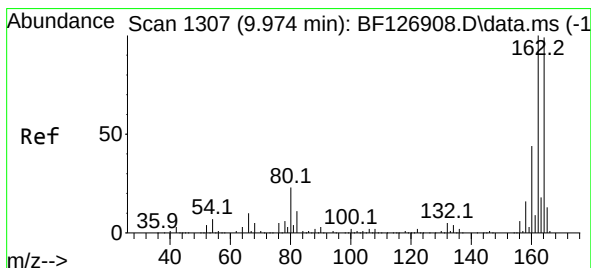
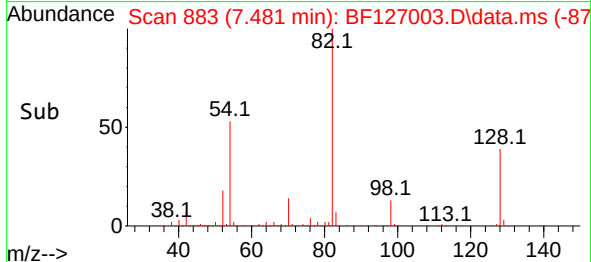
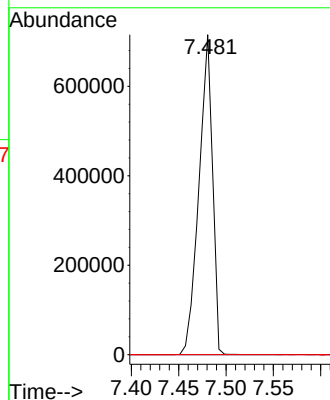
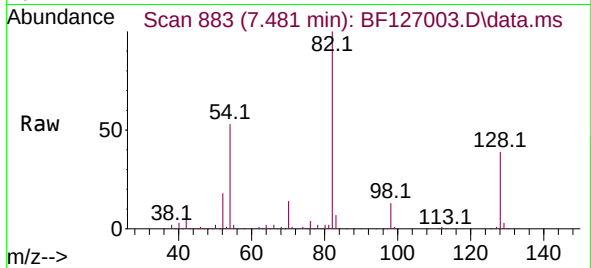




#25
Isophorone
Concen: 49.712 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127003.D
Acq: 22 Feb 2022 11:56

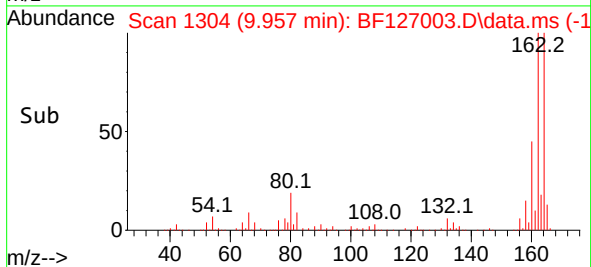
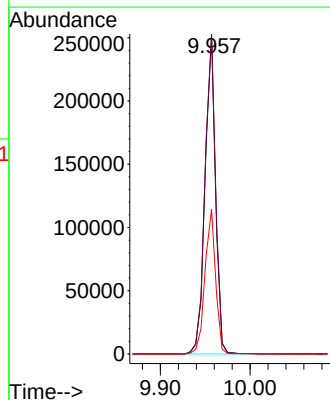
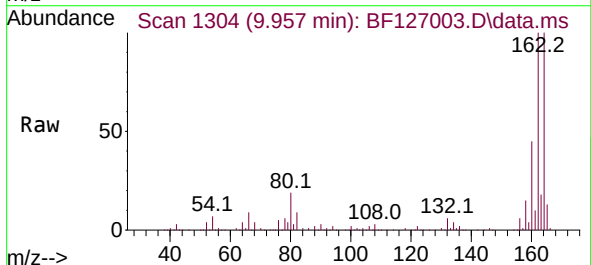
Instrument :
BNA_F
ClientSampleId :
PB142794BL

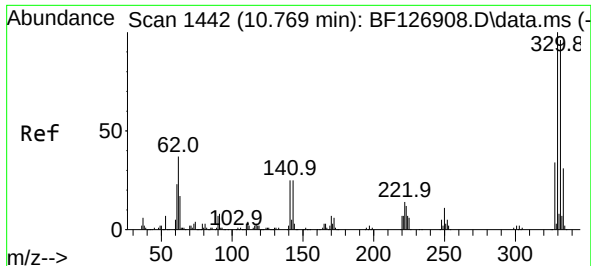
Tgt Ion: 82 Resp: 716265
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF127003.D
Acq: 22 Feb 2022 11:56

Tgt Ion: 164 Resp: 203893
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 45.4 36.6 54.8

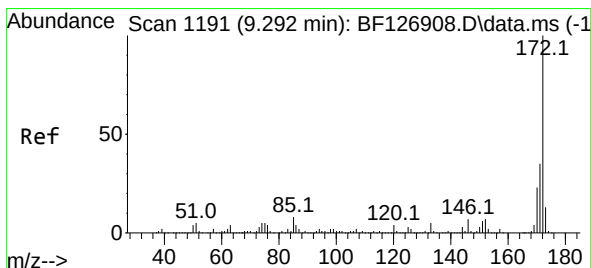
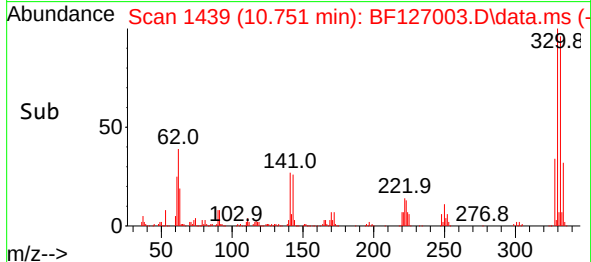
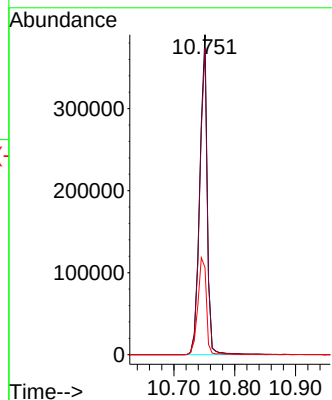
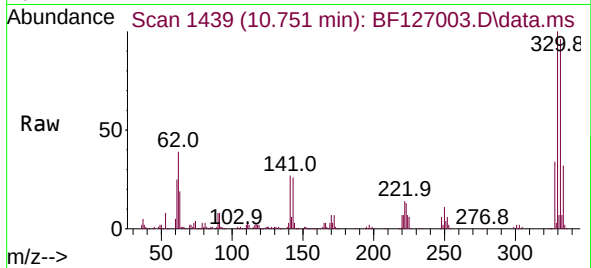




#42
2,4,6-Tribromophenol
Concen: 140.852 ng
RT: 10.751 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF127003.D
Acq: 22 Feb 2022 11:56

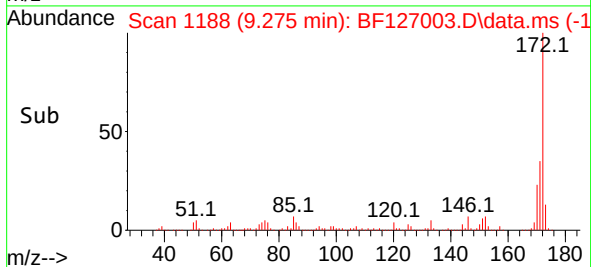
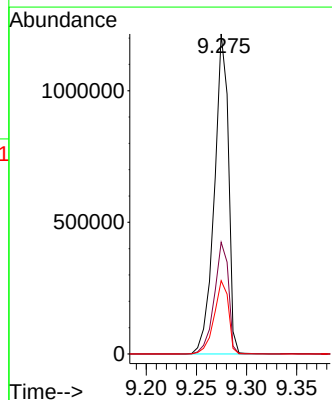
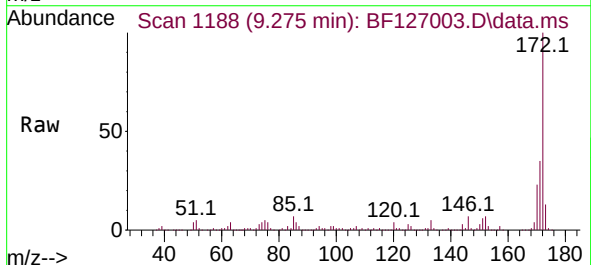
Instrument :
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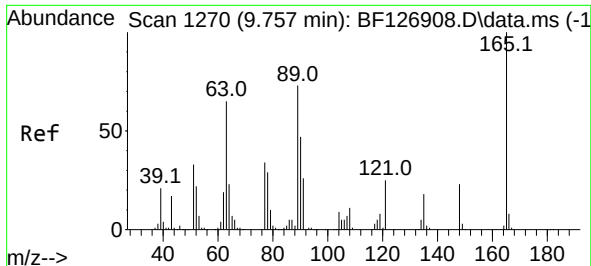
Tgt Ion:330 Resp: 330658
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 34.6 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 85.806 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF127003.D
Acq: 22 Feb 2022 11:56

Tgt Ion:172 Resp: 1188405
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 22.9 19.0 28.6

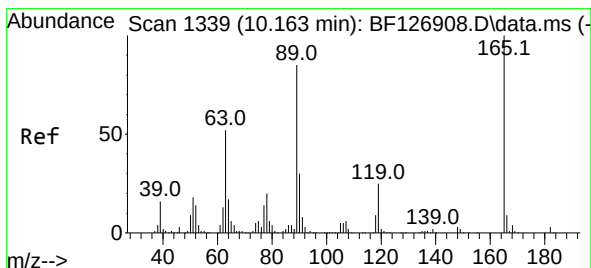
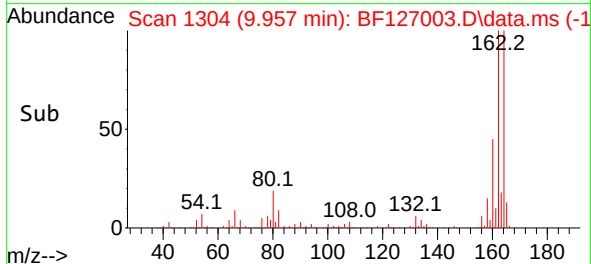
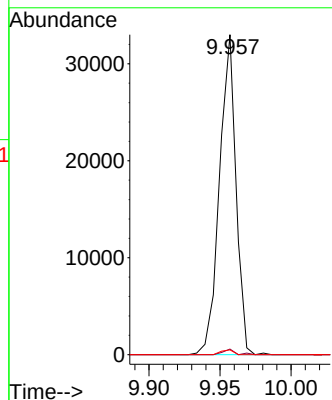
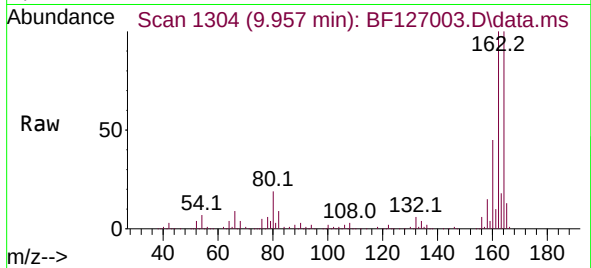




#51
2,6-Dinitrotoluene
Concen: 8.999 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127003.D
Acq: 22 Feb 2022 11:56

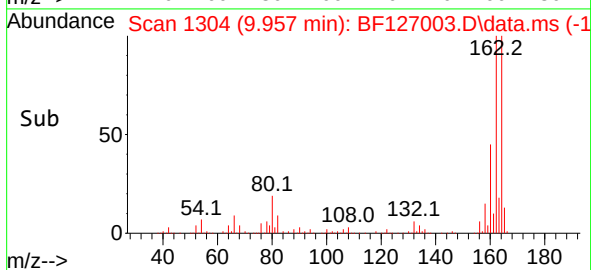
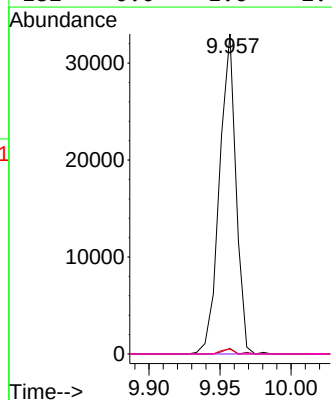
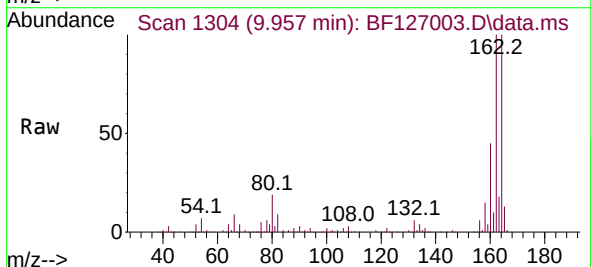
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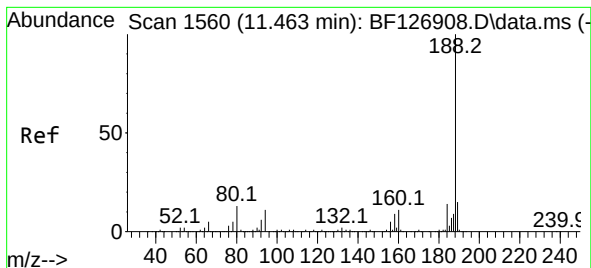
Tgt Ion:165 Resp: 26682
Ion Ratio Lower Upper
165 100
63 1.8 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.655 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.194 min
Lab File: BF127003.D
Acq: 22 Feb 2022 11:56

Tgt Ion:165 Resp: 26682
Ion Ratio Lower Upper
165 100
63 1.8 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.445 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127003.D

Acq: 22 Feb 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB142794BL

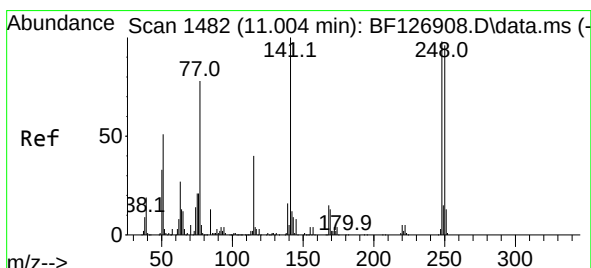
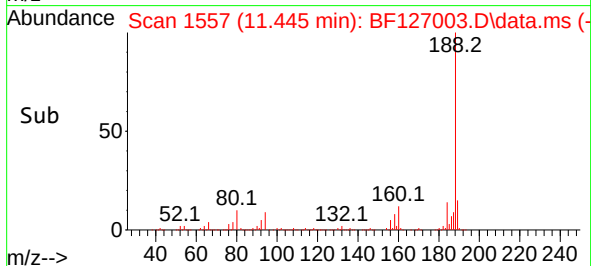
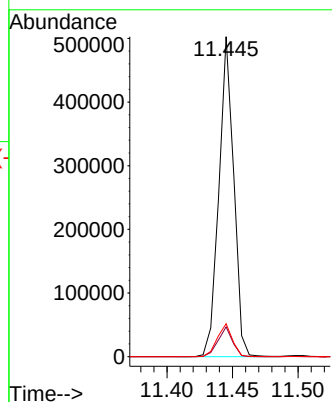
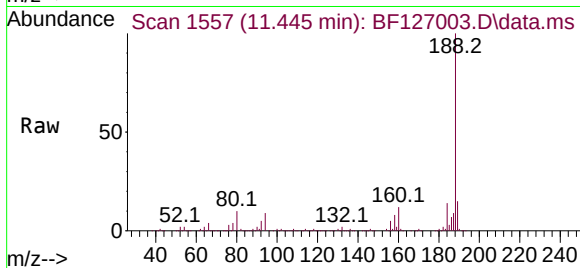
Tgt Ion:188 Resp: 394669

Ion Ratio Lower Upper

188 100

94 9.3 10.1 15.1#

80 10.3 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 4.411 ng

RT: 10.751 min Scan# 1439

Delta R.T. -0.241 min

Lab File: BF127003.D

Acq: 22 Feb 2022 11:56

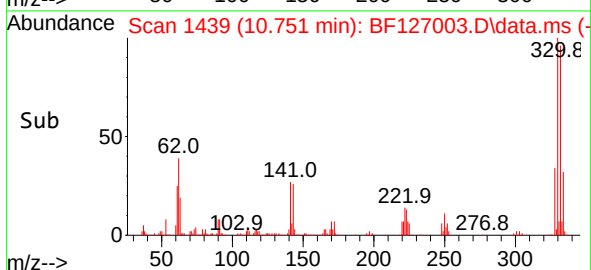
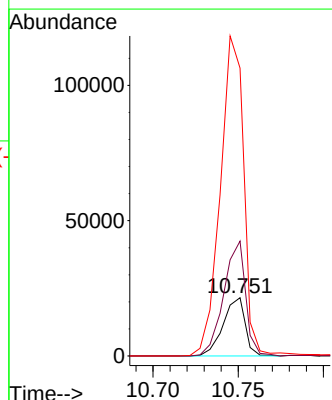
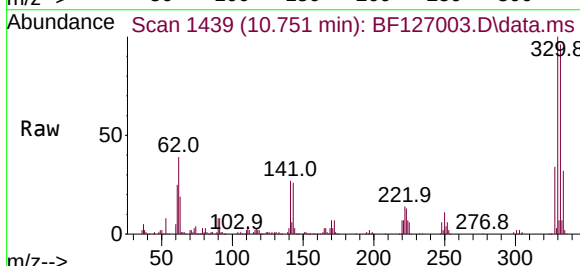
Tgt Ion:248 Resp: 19452

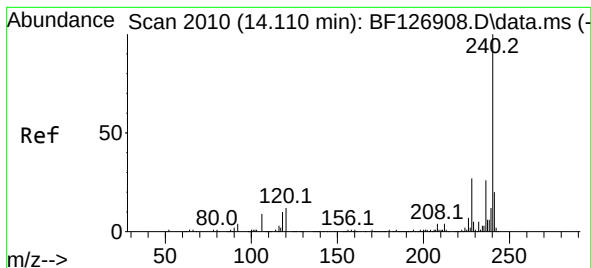
Ion Ratio Lower Upper

248 100

250 197.0 76.2 114.4#

141 493.5 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF127003.D

Acq: 22 Feb 2022 11:56

Instrument :

BNA_F

ClientSampleId :

PB142794BL

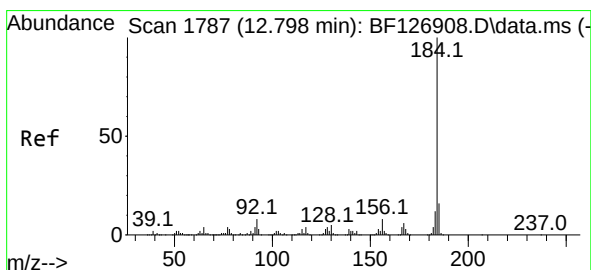
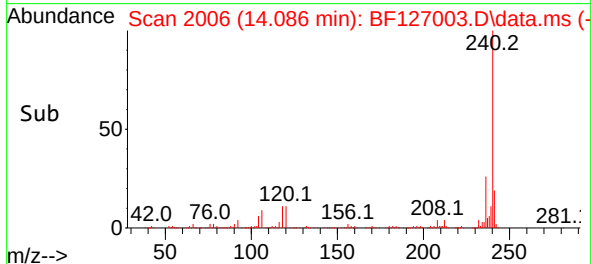
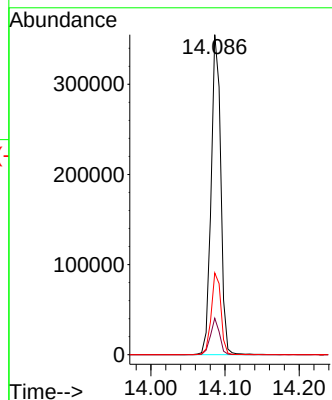
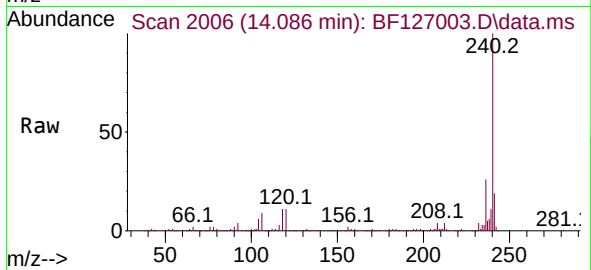
Tgt Ion:240 Resp: 319958

Ion Ratio Lower Upper

240 100

120 11.4 14.4 21.6#

236 25.5 20.5 30.7



#77

Benzdine

Concen: 2.620 ng

RT: 13.039 min Scan# 1828

Delta R.T. 0.253 min

Lab File: BF127003.D

Acq: 22 Feb 2022 11:56

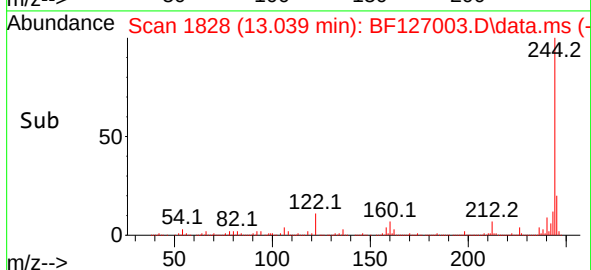
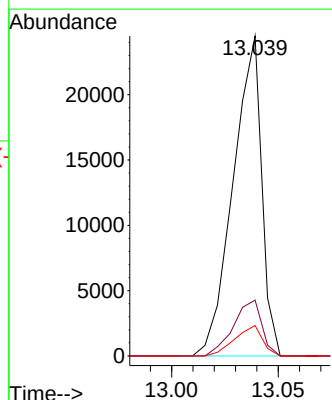
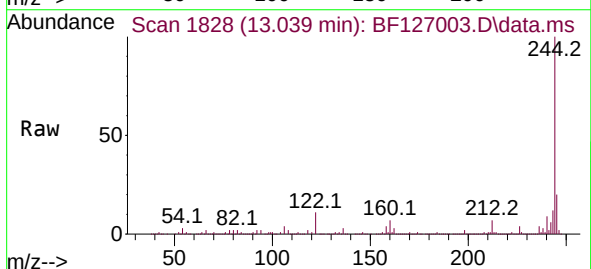
Tgt Ion:184 Resp: 22784

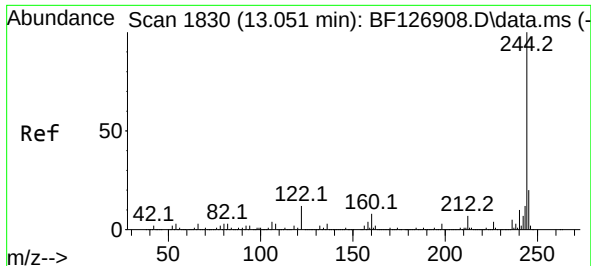
Ion Ratio Lower Upper

184 100

185 17.5 11.8 17.8

183 9.5 8.2 12.2

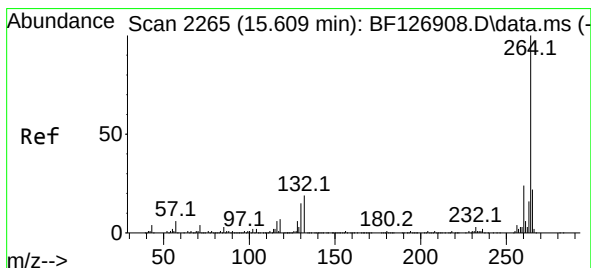
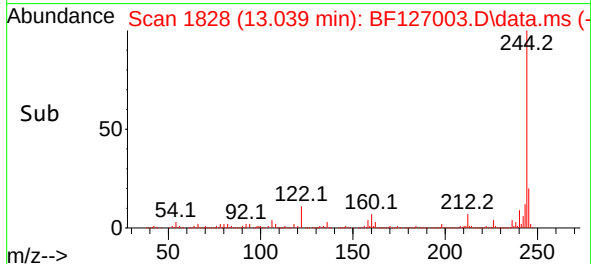
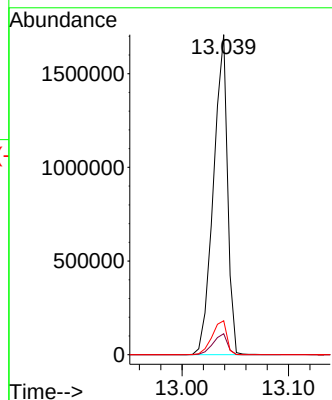
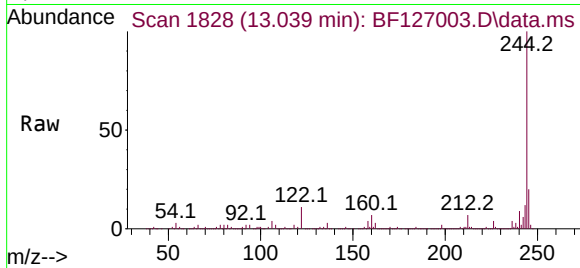




#79
 Terphenyl-d14
 Concen: 71.818 ng
 RT: 13.039 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127003.D
 Acq: 22 Feb 2022 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB142794BL

Tgt Ion:244 Resp: 1563143
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 10.6 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF127003.D
 Acq: 22 Feb 2022 11:56

Tgt Ion:264 Resp: 279841
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.4 17.4 26.2

