

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126813.D
 Acq On : 04 Feb 2022 16:16
 Operator : CG/JU
 Sample : N1356-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-PHC

Quant Time: Feb 04 23:54:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

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

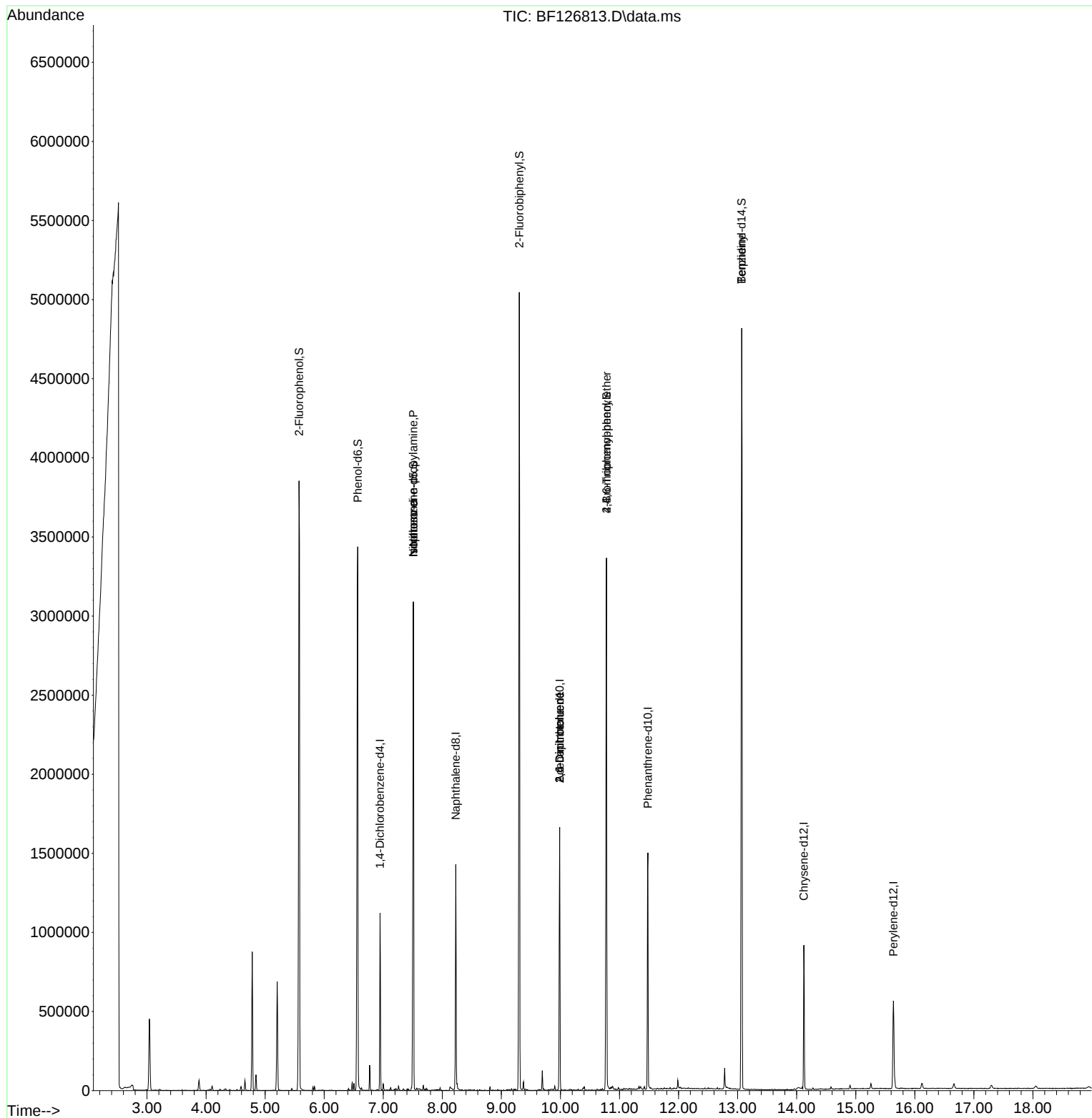
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	140551	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	541652	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	300827	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	512162	20.000	ng	0.00
76) Chrysene-d12	14.121	240	296701	20.000	ng	#-0.01
86) Perylene-d12	15.639	264	252717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	1164884	113.517	ng	0.01
7) Phenol-d6	6.569	99	1422738	100.230	ng	0.00
23) Nitrobenzene-d5	7.510	82	1256984	86.851	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	406761	130.285	ng	0.00
45) 2-Fluorobiphenyl	9.304	172	1607947	88.506	ng	0.00
79) Terphenyl-d14	13.068	244	1802835	101.646	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	165029	17.656	ng	# 68
25) Isophorone	7.510	82	1253297	50.457	ng	# 69
51) 2,6-Dinitrotoluene	9.986	165	38162	8.934	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	38162	6.592	ng	# 15
67) 4-Bromophenyl-phenylether	10.780	248	25179	4.295	ng	# 1
77) Benzidine	13.068	184	22733	3.340	ng	96

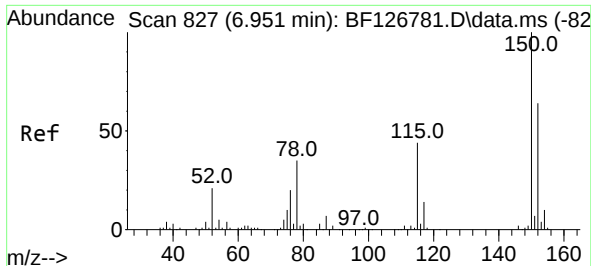
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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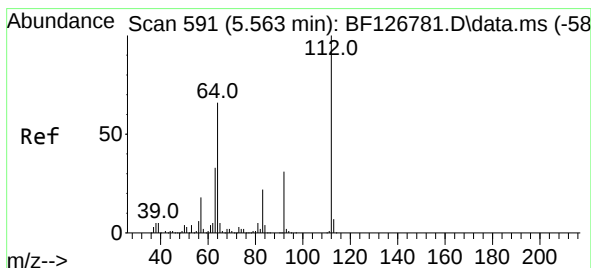
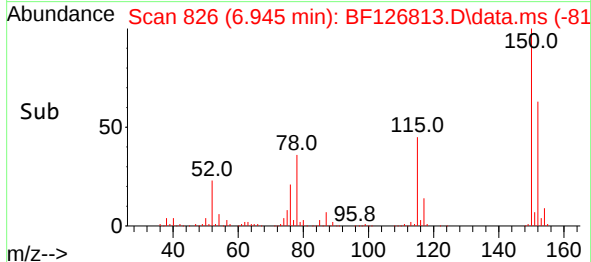
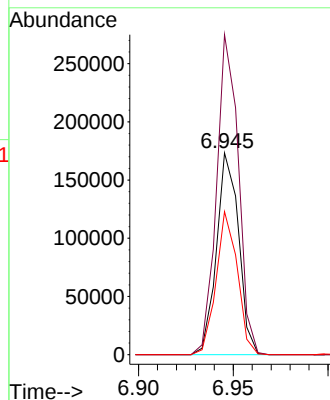
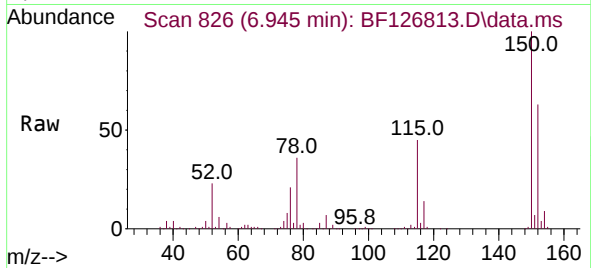




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126813.D
Acq: 04 Feb 2022 16:16

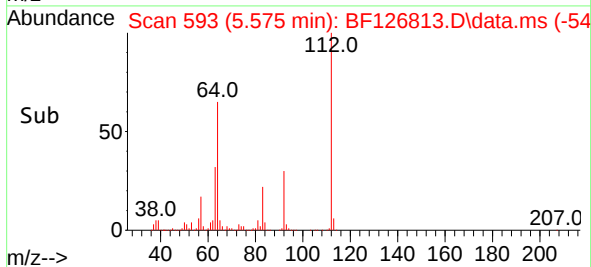
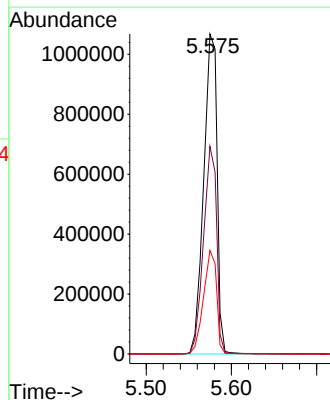
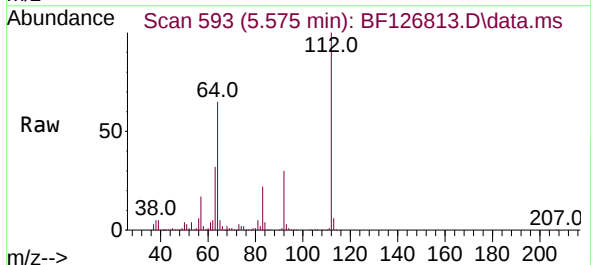
Instrument :
BNA_F
ClientSampleId :
M-PHC

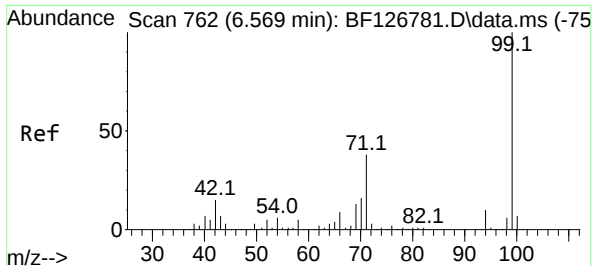
Tgt Ion:152 Resp: 140551
Ion Ratio Lower Upper
152 100
150 158.6 128.1 192.1
115 70.9 56.7 85.1



#5
2-Fluorophenol
Concen: 113.517 ng
RT: 5.575 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF126813.D
Acq: 04 Feb 2022 16:16

Tgt Ion:112 Resp: 1164884
Ion Ratio Lower Upper
112 100
64 64.9 49.5 74.3
63 32.3 23.9 35.9

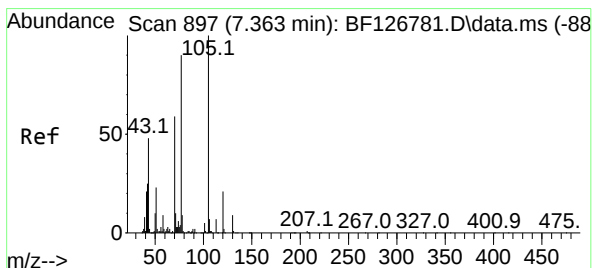
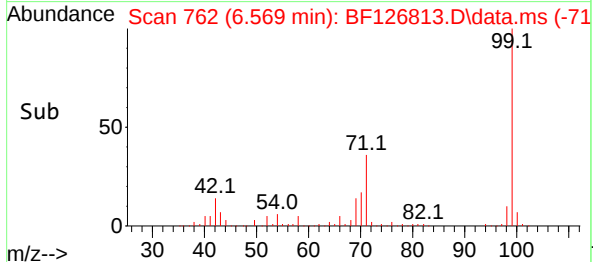
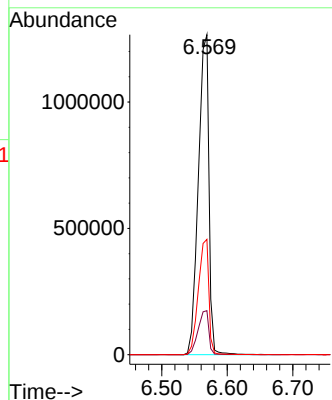
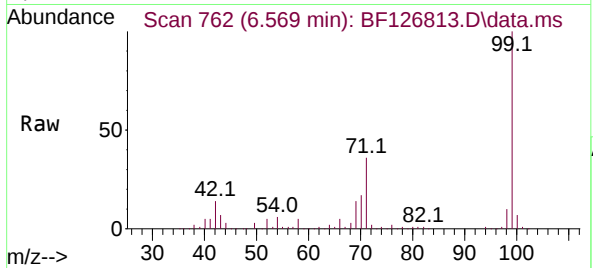




#7
Phenol-d6
Concen: 100.230 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126813.D
Acq: 04 Feb 2022 16:16

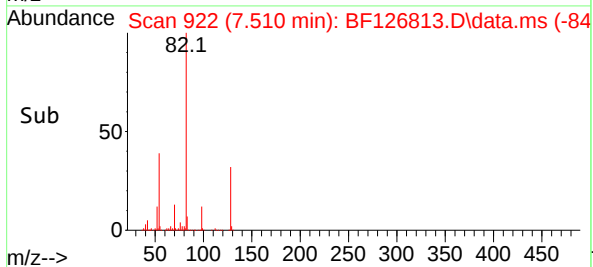
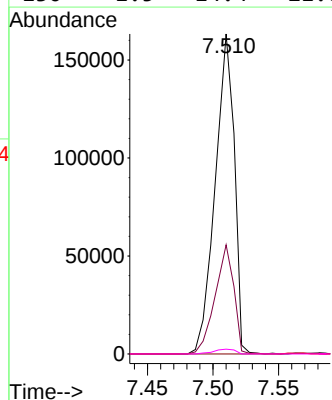
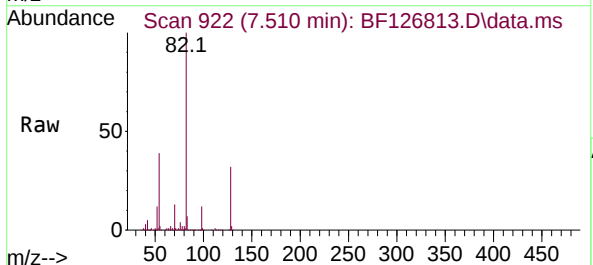
Instrument :
BNA_F
ClientSampleId :
M-PHC

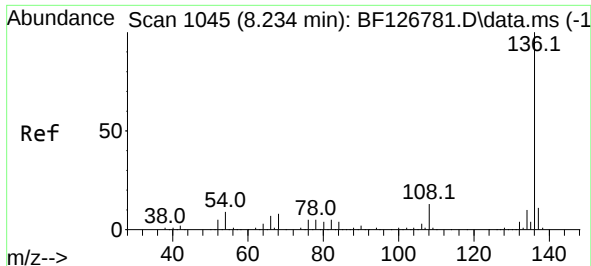
Tgt Ion: 99 Resp: 1422738
Ion Ratio Lower Upper
99 100
42 13.8 14.2 21.4#
71 36.1 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.656 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF126813.D
Acq: 04 Feb 2022 16:16

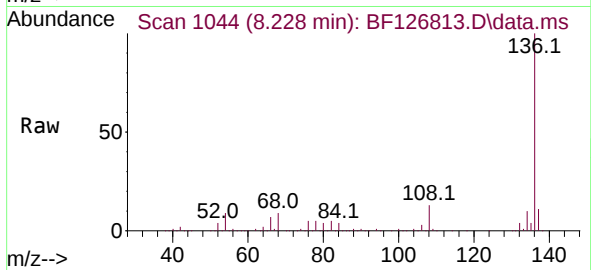
Tgt Ion: 70 Resp: 165029
Ion Ratio Lower Upper
70 100
42 34.1 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#





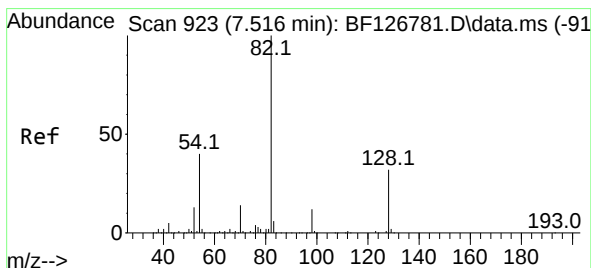
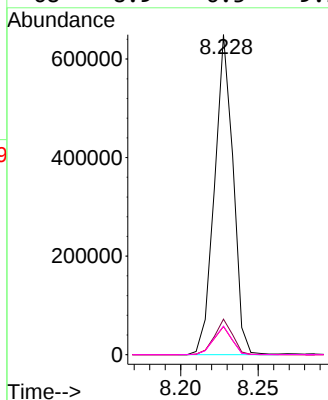
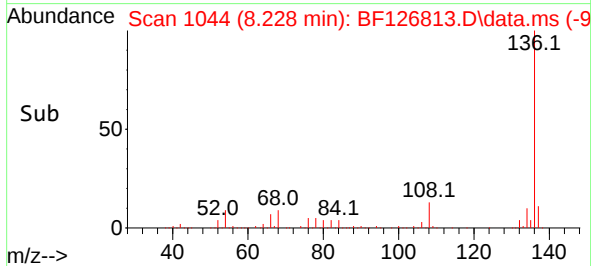
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126813.D
Acq: 04 Feb 2022 16:16

Instrument :
BNA_F
ClientSampleId :
M-PHC



Tgt Ion:136 Resp: 541652

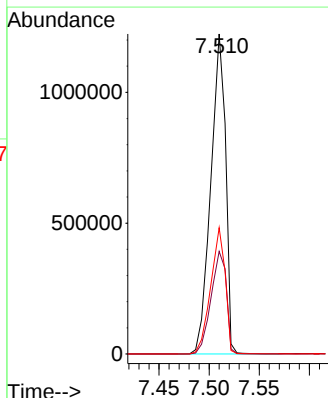
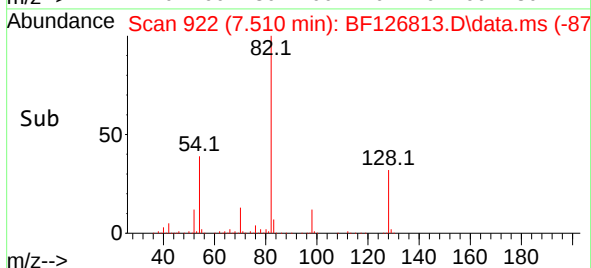
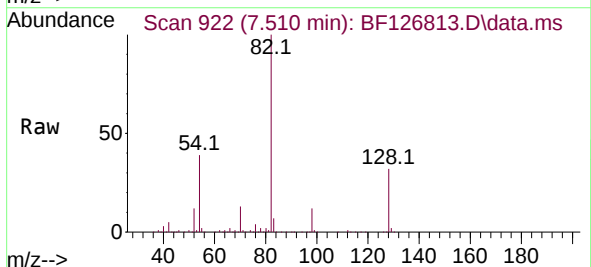
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.8	7.8	11.6
68	8.9	6.3	9.5

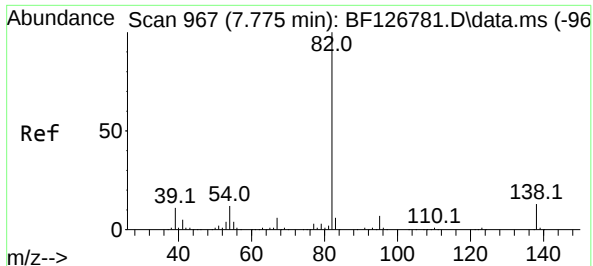


#23
Nitrobenzene-d5
Concen: 86.851 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF126813.D
Acq: 04 Feb 2022 16:16

Tgt Ion: 82 Resp: 1256984

Ion	Ratio	Lower	Upper
82	100		
128	32.0	32.7	49.1#
54	39.5	41.7	62.5#

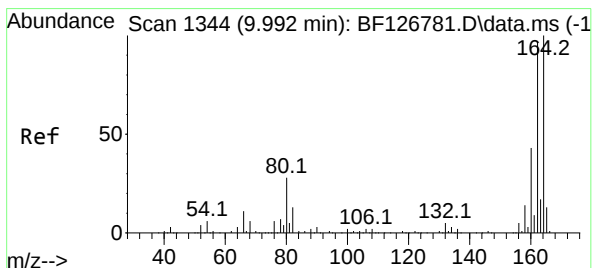
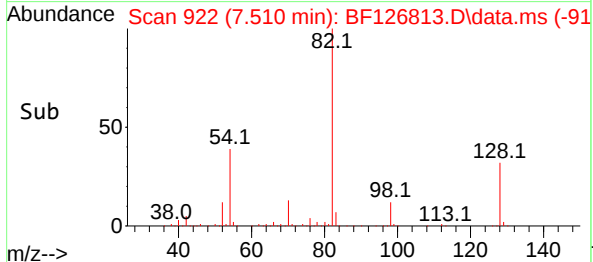
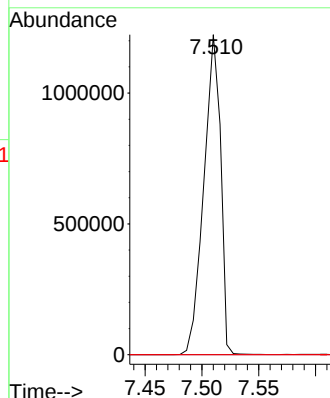
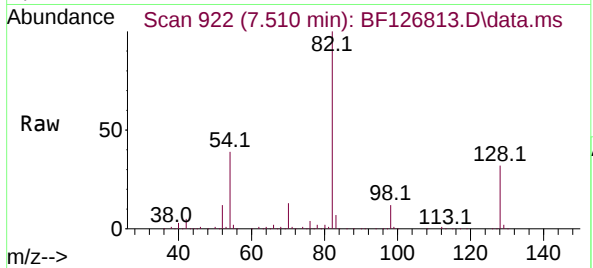




#25
Isophorone
Concen: 50.457 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126813.D
Acq: 04 Feb 2022 16:16

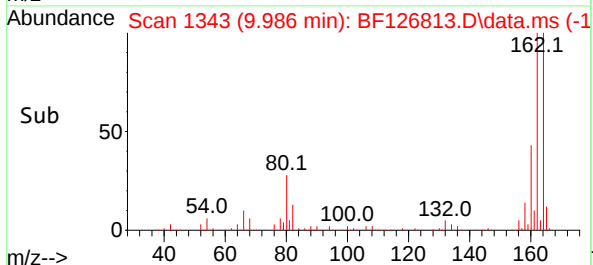
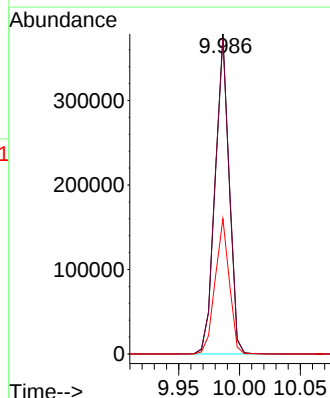
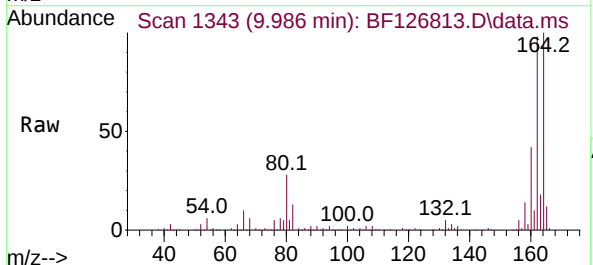
Instrument :
BNA_F
ClientSampleId :
M-PHC

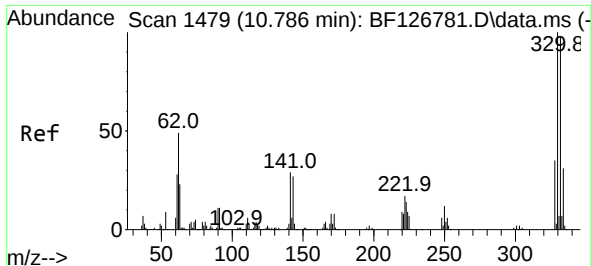
Tgt Ion: 82 Resp: 1253297
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF126813.D
Acq: 04 Feb 2022 16:16

Tgt Ion: 164 Resp: 300827
Ion Ratio Lower Upper
164 100
162 98.4 81.4 122.0
160 42.2 36.6 54.8

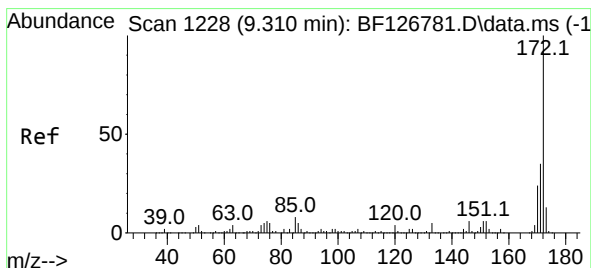
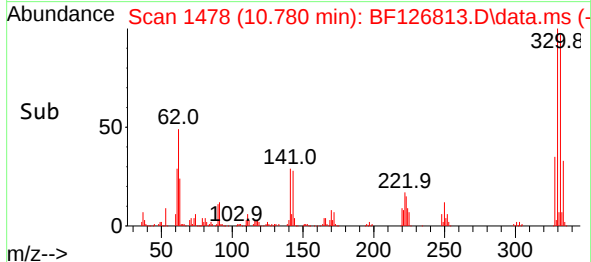
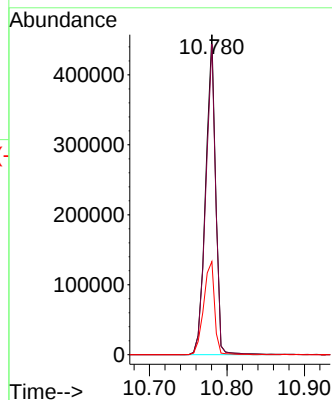
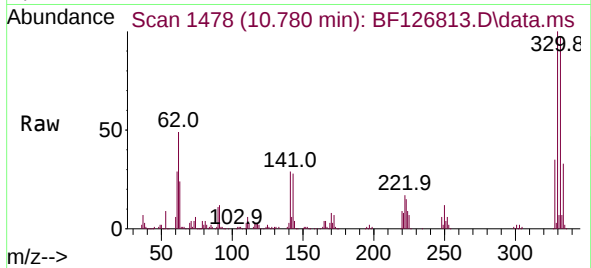




#42
 2,4,6-Tribromophenol
 Concen: 130.285 ng
 RT: 10.780 min Scan# 1479
 Delta R.T. -0.006 min
 Lab File: BF126813.D
 Acq: 04 Feb 2022 16:16

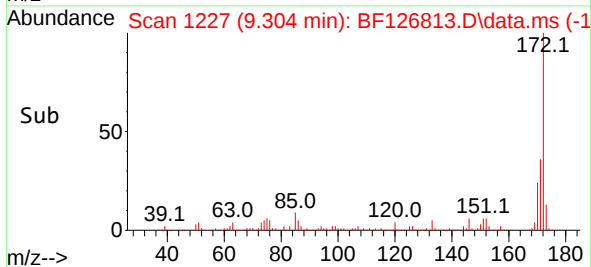
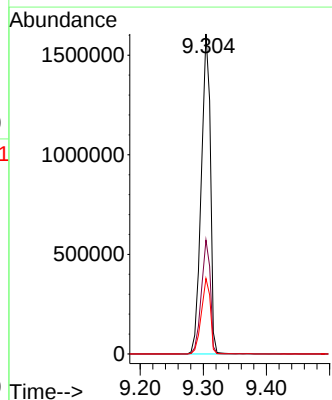
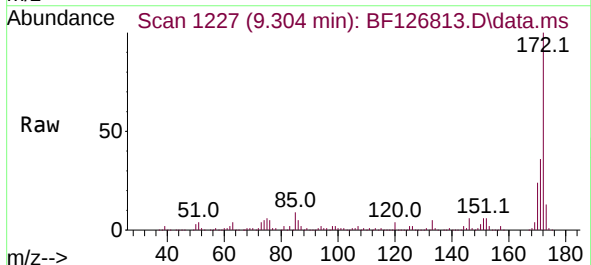
Instrument :
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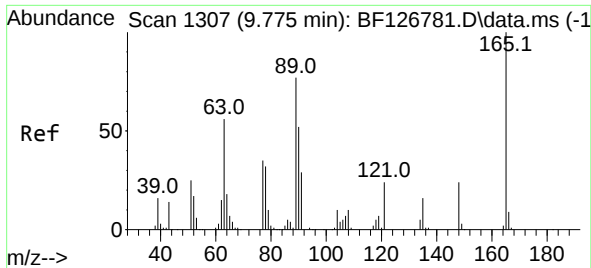
Tgt Ion: 330 Resp: 406761
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.0 114.0
 141 32.0 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 88.506 ng
 RT: 9.304 min Scan# 1227
 Delta R.T. -0.006 min
 Lab File: BF126813.D
 Acq: 04 Feb 2022 16:16

Tgt Ion: 172 Resp: 1607947
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.3 42.5
 170 23.6 19.0 28.6

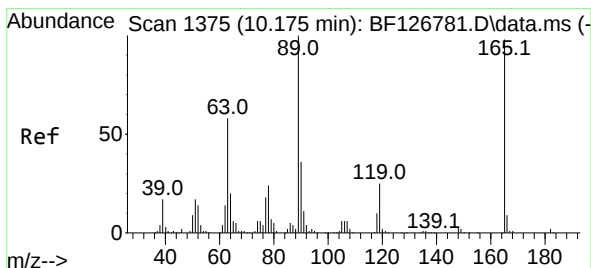
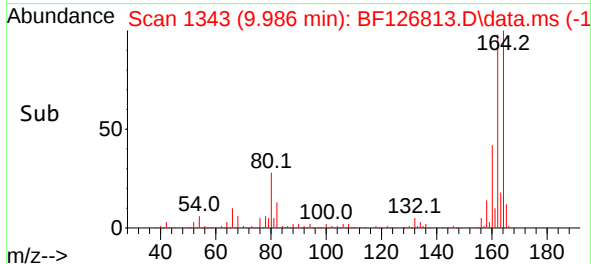
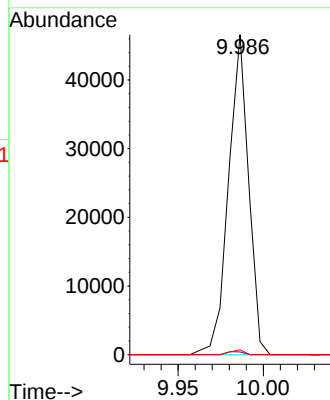
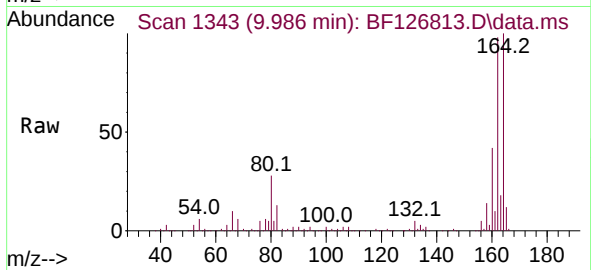




#51
2,6-Dinitrotoluene
Concen: 8.934 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126813.D
Acq: 04 Feb 2022 16:16

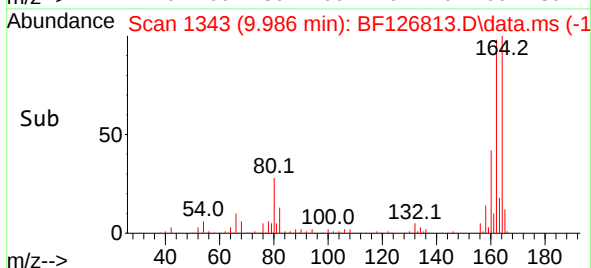
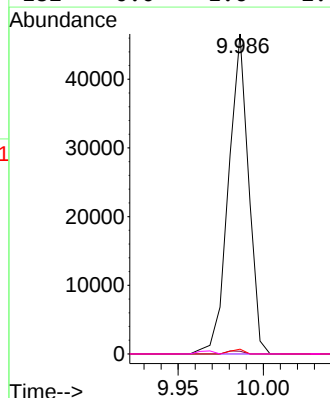
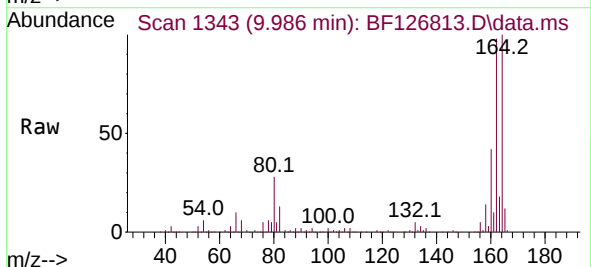
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ClientSampleId :
M-PHC

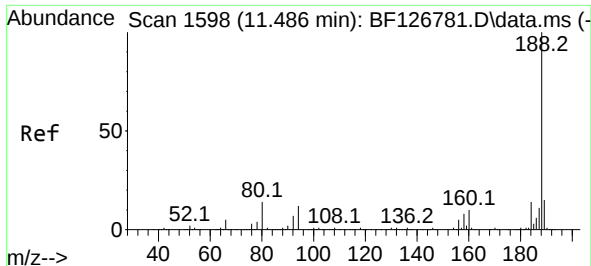
Tgt Ion:165 Resp: 38162
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.5 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.592 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.188 min
Lab File: BF126813.D
Acq: 04 Feb 2022 16:16

Tgt Ion:165 Resp: 38162
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

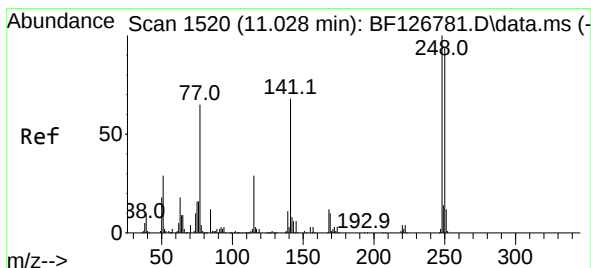
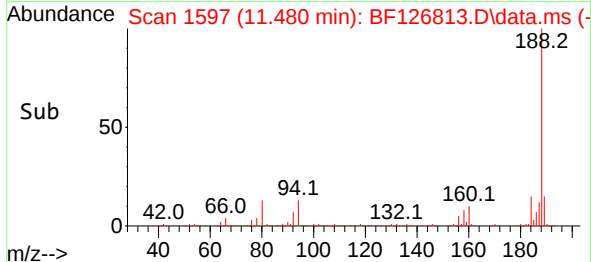
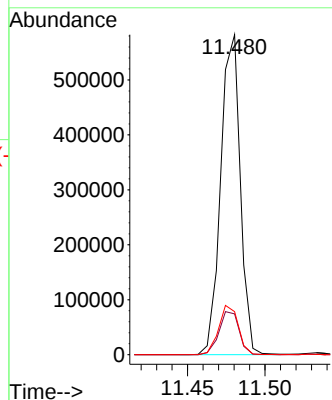
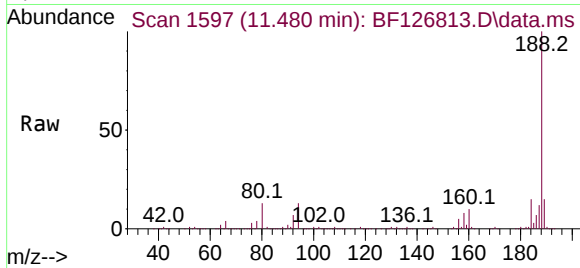




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126813.D
Acq: 04 Feb 2022 16:16

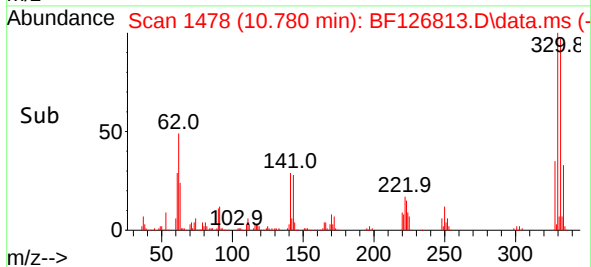
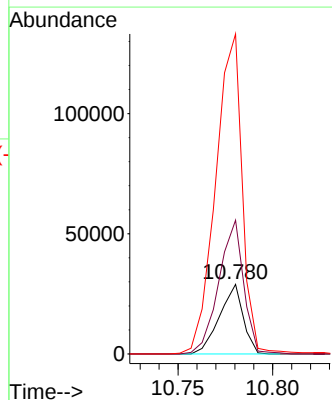
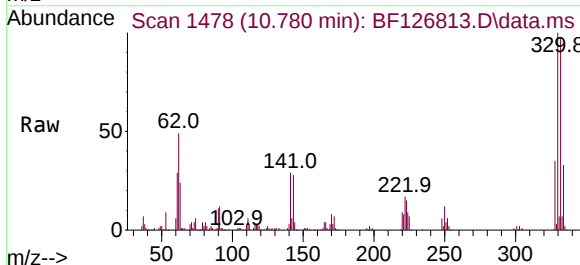
Instrument :
BNA_F
ClientSampleId :
M-PHC

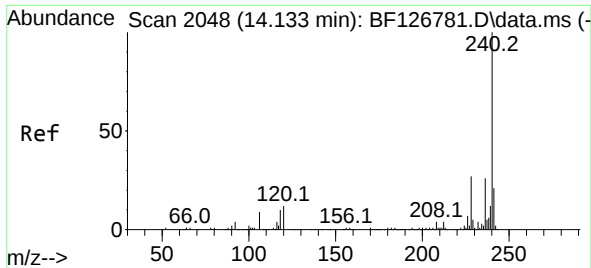
Tgt Ion:188 Resp: 512162
Ion Ratio Lower Upper
188 100
94 12.7 10.1 15.1
80 13.4 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.295 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.247 min
Lab File: BF126813.D
Acq: 04 Feb 2022 16:16

Tgt Ion:248 Resp: 25179
Ion Ratio Lower Upper
248 100
250 192.0 76.2 114.4#
141 459.4 66.2 99.4#

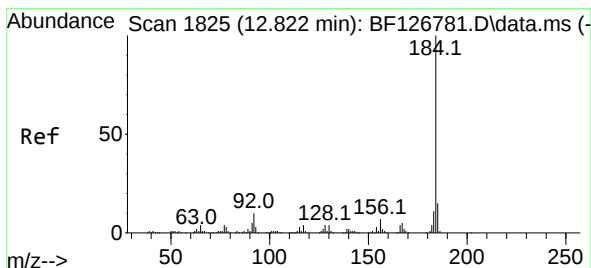
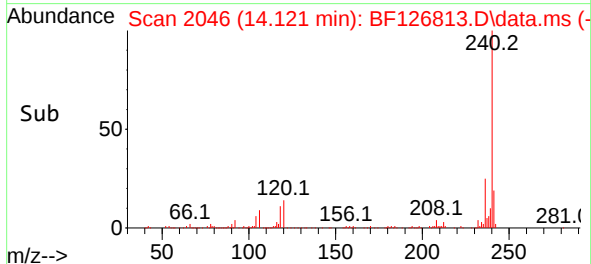
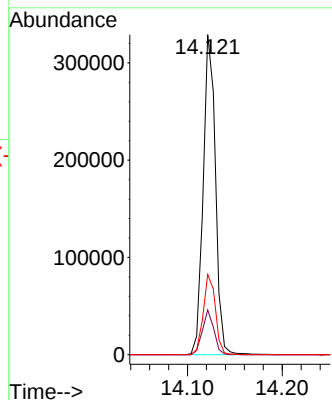
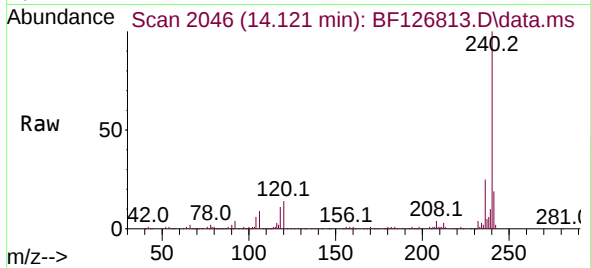




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF126813.D
Acq: 04 Feb 2022 16:16

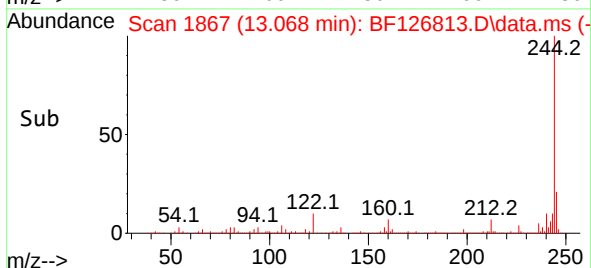
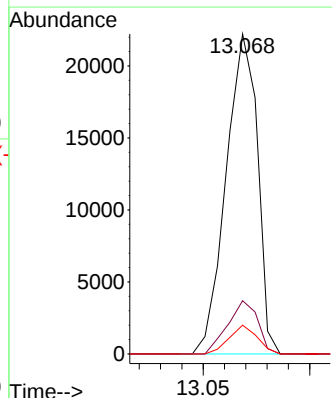
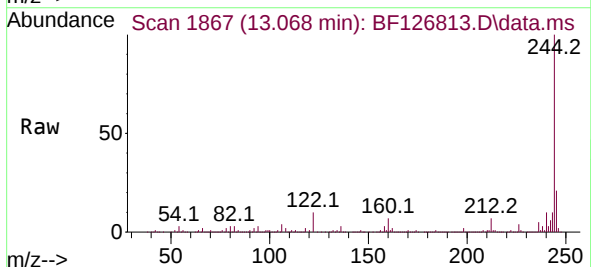
Instrument :
BNA_F
ClientSampleId :
M-PHC

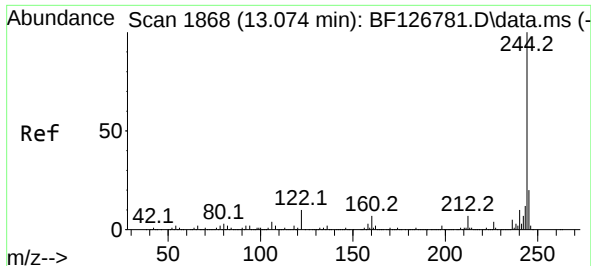
Tgt Ion:240 Resp: 296701
Ion Ratio Lower Upper
240 100
120 14.0 14.4 21.6#
236 25.1 20.5 30.7



#77
Benzidine
Concen: 3.340 ng
RT: 13.068 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF126813.D
Acq: 04 Feb 2022 16:16

Tgt Ion:184 Resp: 22733
Ion Ratio Lower Upper
184 100
185 16.7 11.8 17.8
183 9.0 8.2 12.2

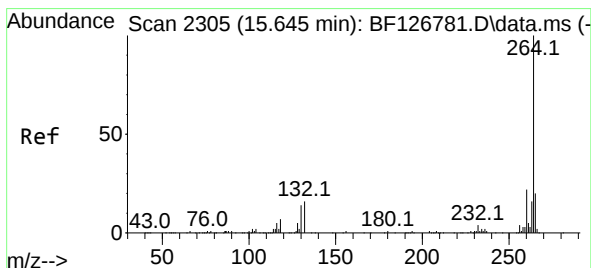
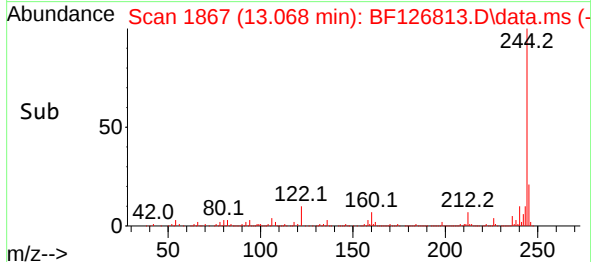
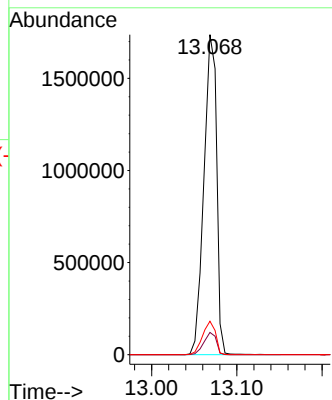
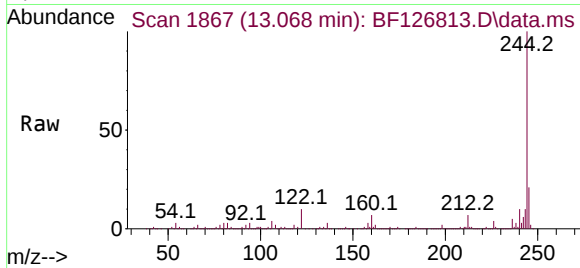




#79
 Terphenyl-d14
 Concen: 101.646 ng
 RT: 13.068 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126813.D
 Acq: 04 Feb 2022 16:16

Instrument :
 BNA_F
 ClientSampleId :
 M-PHC

Tgt Ion:244 Resp: 1802835
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 10.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF126813.D
 Acq: 04 Feb 2022 16:16

Tgt Ion:264 Resp: 252717
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.5 17.4 26.2

