

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126808.D
 Acq On : 04 Feb 2022 14:00
 Operator : CG/JU
 Sample : M1381-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-07(20-22)-02-02-22

Quant Time: Feb 04 23:53:38 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)

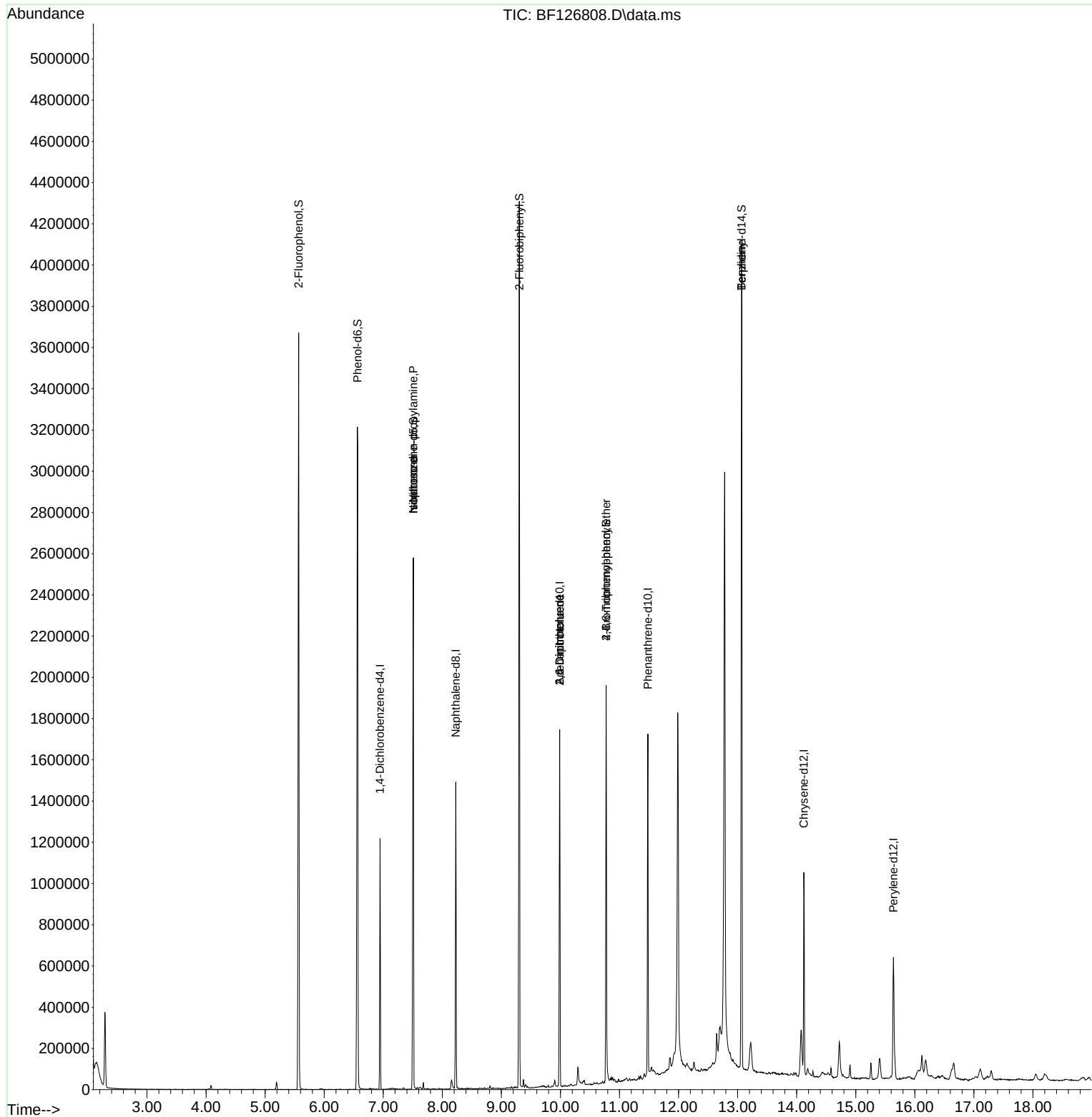
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	145448	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	567812	20.000	ng	0.00
39) Acenaphthene-d10	9.986	164	312263	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	538685	20.000	ng	0.00
76) Chrysene-d12	14.121	240	314685	20.000	ng	#-0.01
86) Perylene-d12	15.639	264	250444	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	1042901	98.208	ng	0.00
7) Phenol-d6	6.563	99	1409742	95.971	ng	0.00
23) Nitrobenzene-d5	7.510	82	982871	64.782	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	212908	65.697	ng	-0.01
45) 2-Fluorobiphenyl	9.304	172	1245566	66.048	ng	0.00
79) Terphenyl-d14	13.069	244	1312677	69.781	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.510	70	130441	13.486	ng	# 66
25) Isophorone	7.510	82	979402	37.614	ng	# 69
51) 2,6-Dinitrotoluene	9.986	165	41709	9.407	ng	# 21
57) 2,4-Dinitrotoluene	9.986	165	41709	6.941	ng	# 15
67) 4-Bromophenyl-phenylether	10.775	248	13375	2.169	ng	# 1
77) Benzidine	13.069	184	16944	2.347	ng	# 88

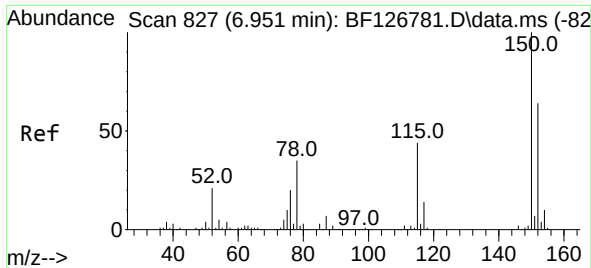
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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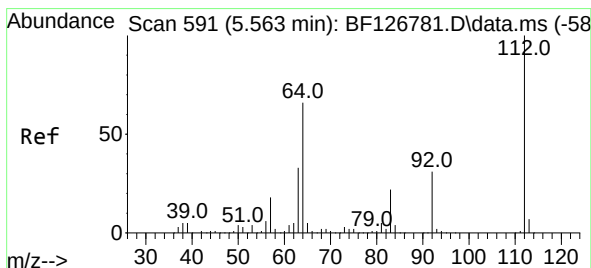
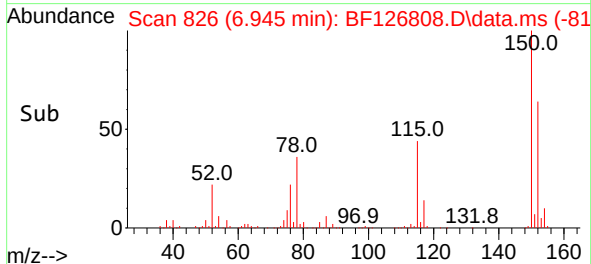
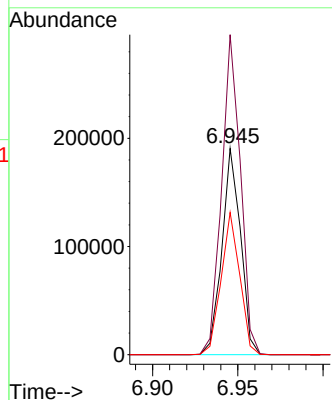
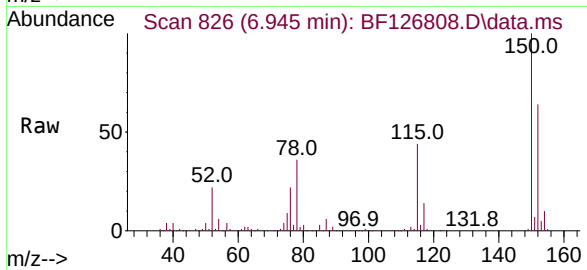




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

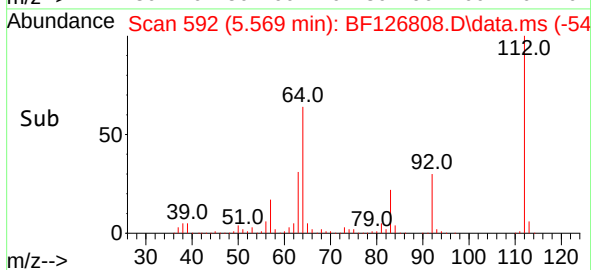
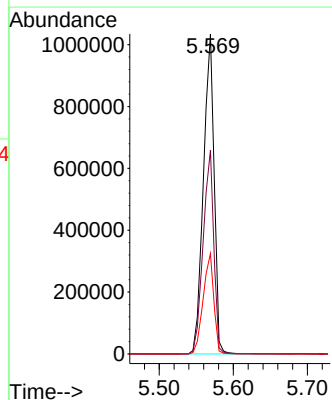
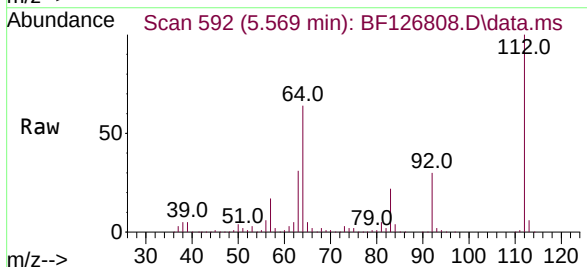
Instrument :
BNA_F
ClientSampleId :
DB-07(20-22)-02-02-22

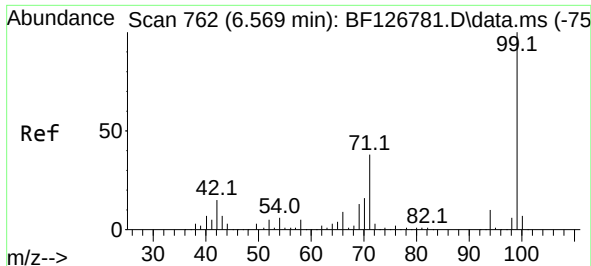
Tgt Ion:152 Resp: 145448
Ion Ratio Lower Upper
152 100
150 155.1 128.1 192.1
115 69.0 56.7 85.1



#5
2-Fluorophenol
Concen: 98.208 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.006 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

Tgt Ion:112 Resp: 1042901
Ion Ratio Lower Upper
112 100
64 63.7 49.5 74.3
63 31.4 23.9 35.9

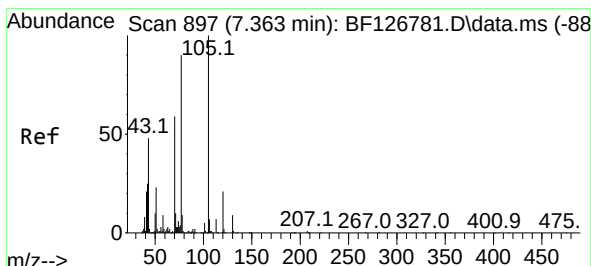
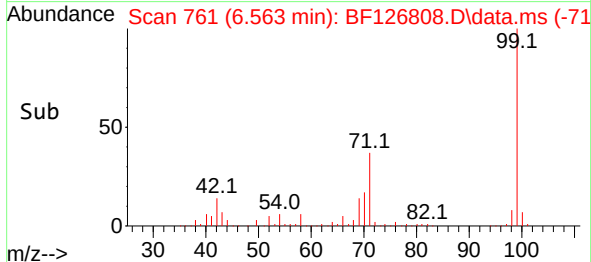
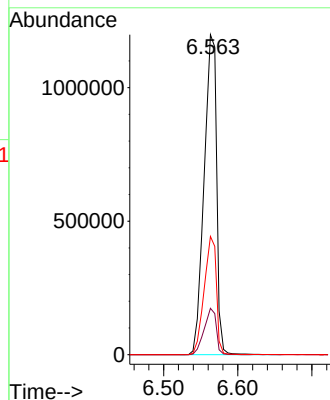
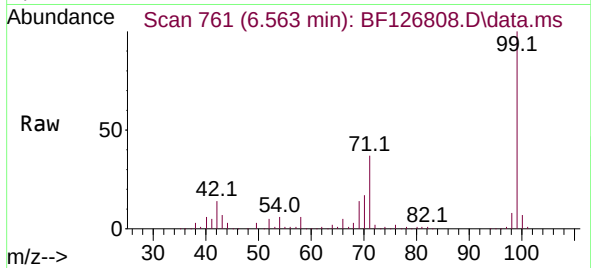




#7
Phenol-d6
Concen: 95.971 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

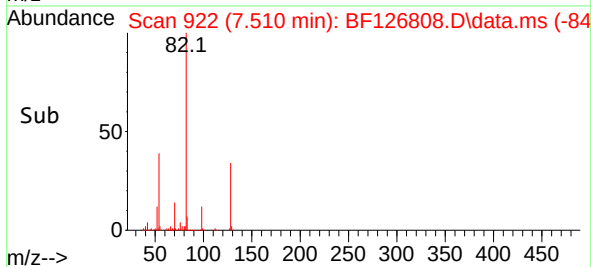
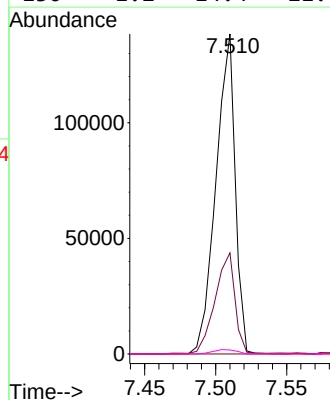
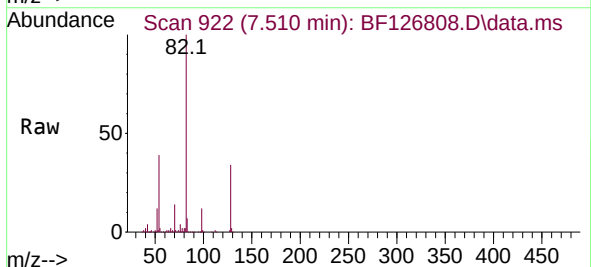
Instrument :
BNA_F
ClientSampleId :
DB-07(20-22)-02-02-22

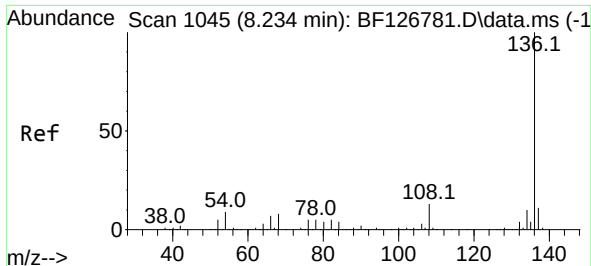
Tgt Ion: 99 Resp: 1409742
Ion Ratio Lower Upper
99 100
42 14.5 14.2 21.4
71 37.0 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.486 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

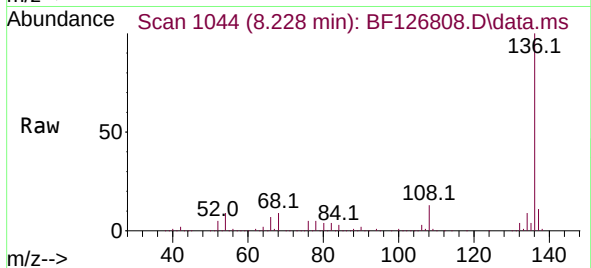
Tgt Ion: 70 Resp: 130441
Ion Ratio Lower Upper
70 100
42 31.6 45.8 68.8#
101 0.0 6.9 10.3#
130 1.2 14.4 21.6#





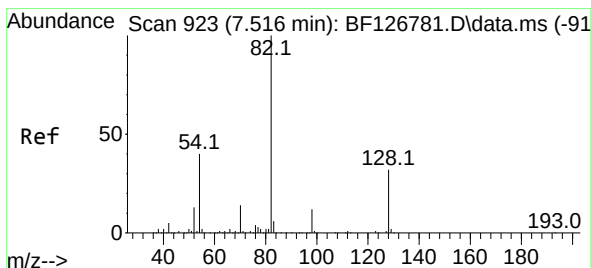
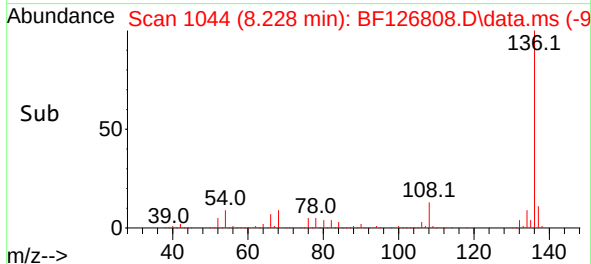
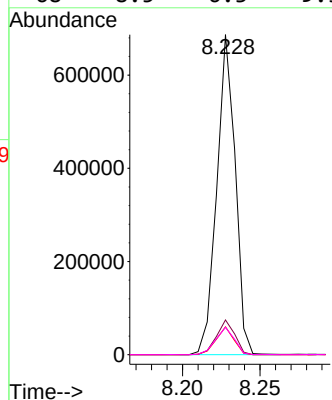
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

Instrument :
BNA_F
ClientSampleId :
DB-07(20-22)-02-02-22



Tgt Ion:136 Resp: 567812

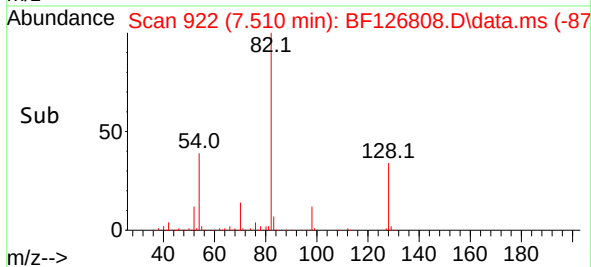
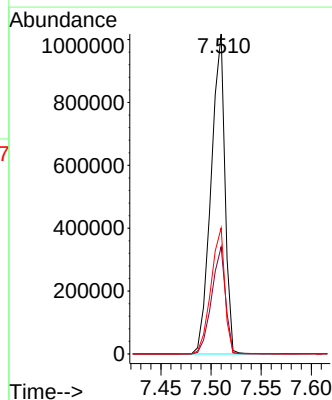
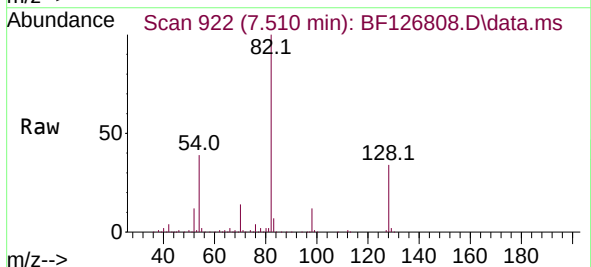
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.7	7.8	11.6
68	8.5	6.3	9.5

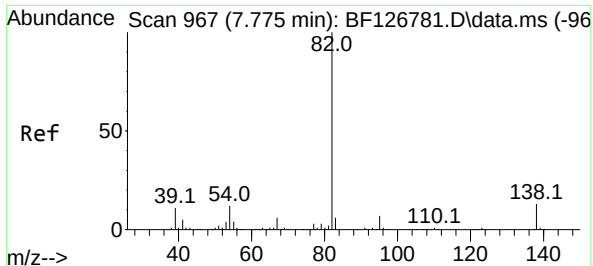


#23
Nitrobenzene-d5
Concen: 64.782 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

Tgt Ion: 82 Resp: 982871

Ion	Ratio	Lower	Upper
82	100		
128	33.5	32.7	49.1
54	39.4	41.7	62.5

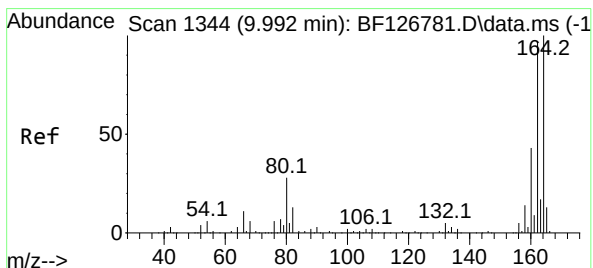
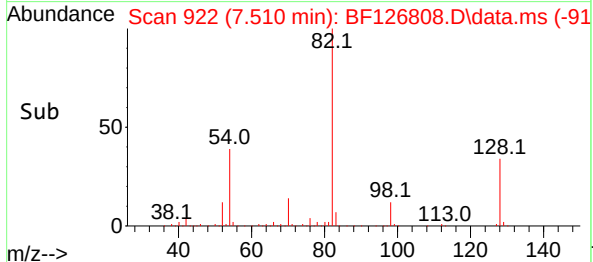
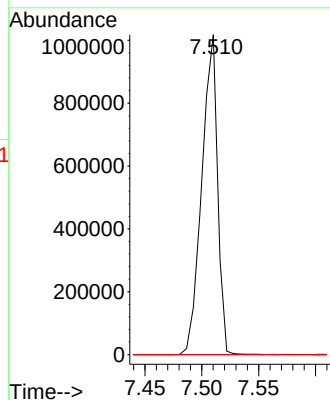
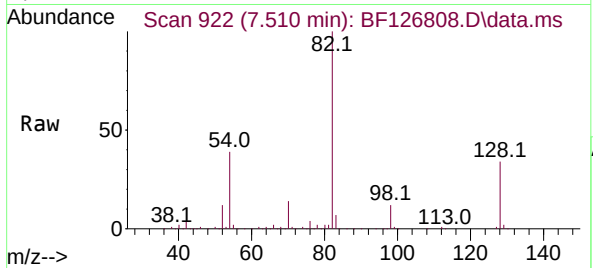




#25
Isophorone
Concen: 37.614 ng
RT: 7.510 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

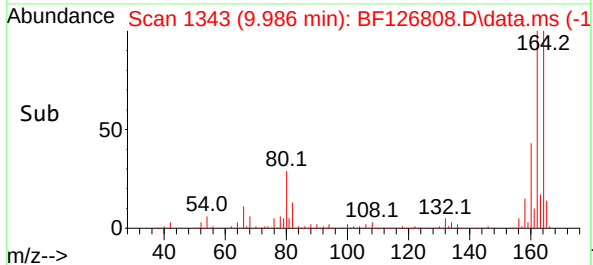
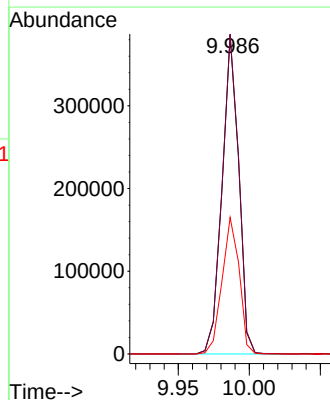
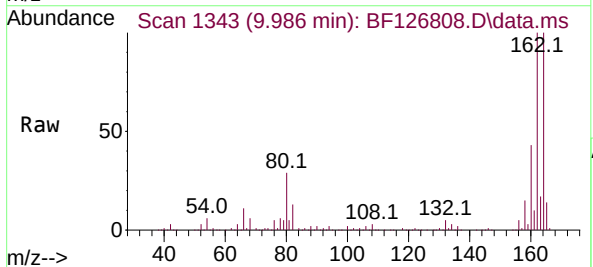
Instrument :
BNA_F
ClientSampleId :
DB-07(20-22)-02-02-22

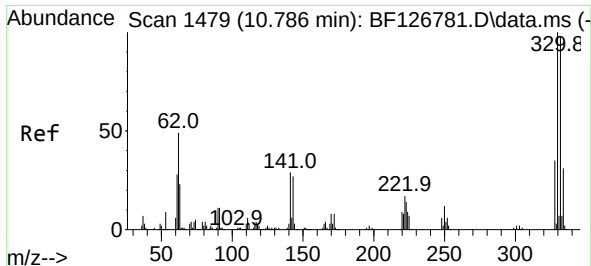
Tgt Ion: 82 Resp: 979402
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

Tgt Ion:164 Resp: 312263
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 42.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 65.697 ng

RT: 10.775 min Scan# 1479

Delta R.T. -0.012 min

Lab File: BF126808.D

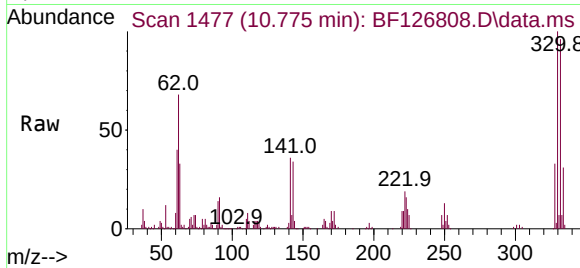
Acq: 04 Feb 2022 14:00

Instrument :

BNA_F

ClientSampleId :

DB-07(20-22)-02-02-22



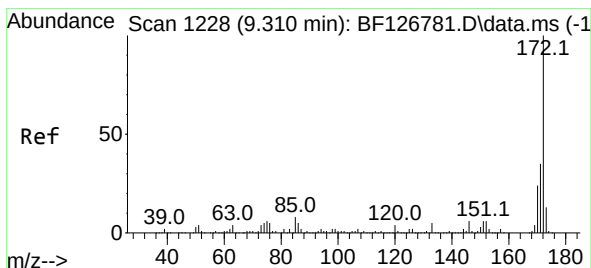
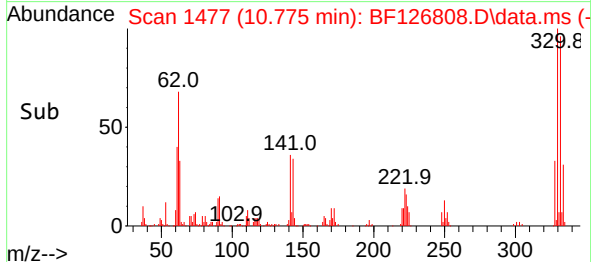
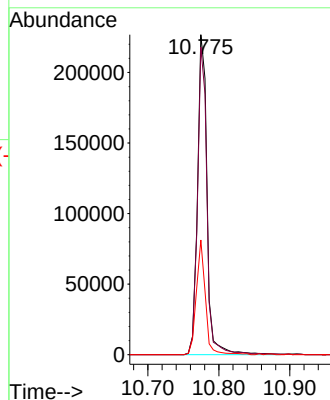
Tgt Ion:330 Resp: 212908

Ion Ratio Lower Upper

330 100

332 95.4 76.0 114.0

141 33.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 66.048 ng

RT: 9.304 min Scan# 1227

Delta R.T. -0.006 min

Lab File: BF126808.D

Acq: 04 Feb 2022 14:00

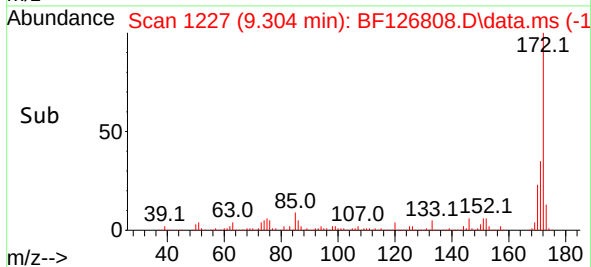
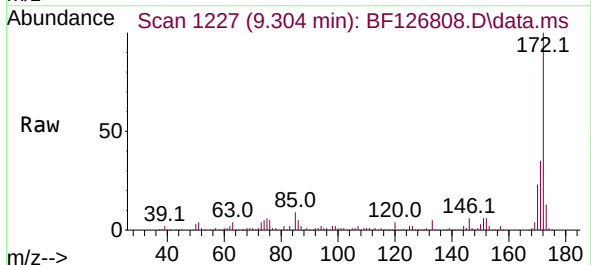
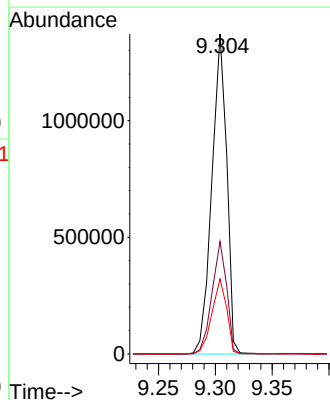
Tgt Ion:172 Resp: 1245566

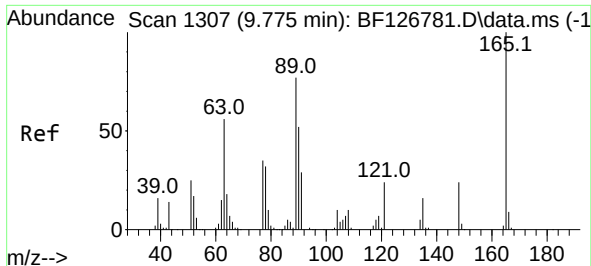
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.5 19.0 28.6

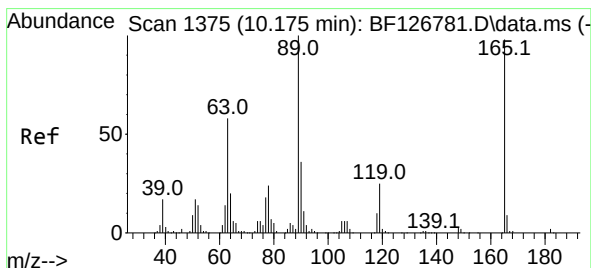
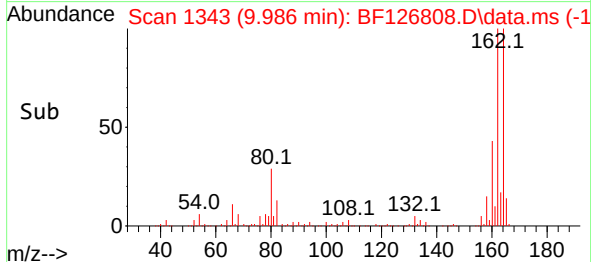
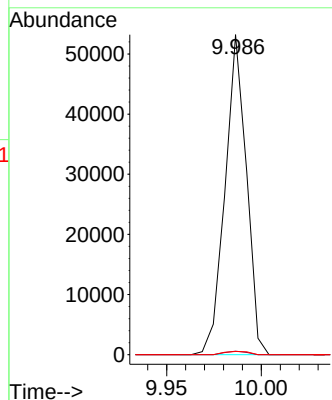
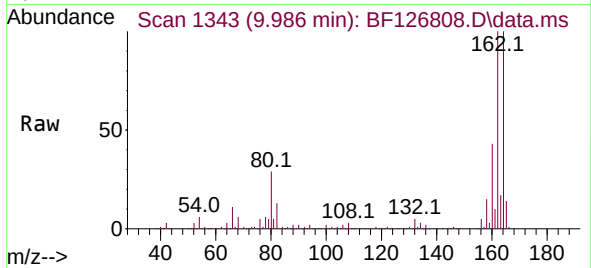




#51
2,6-Dinitrotoluene
Concen: 9.407 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

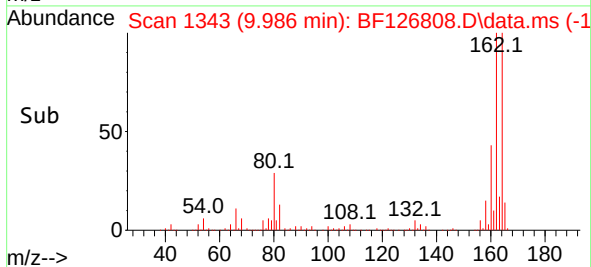
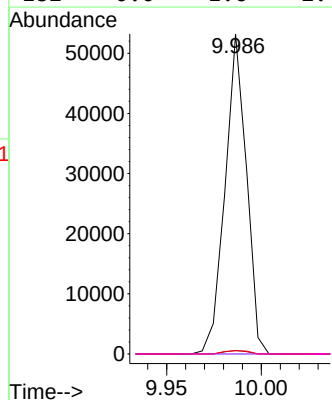
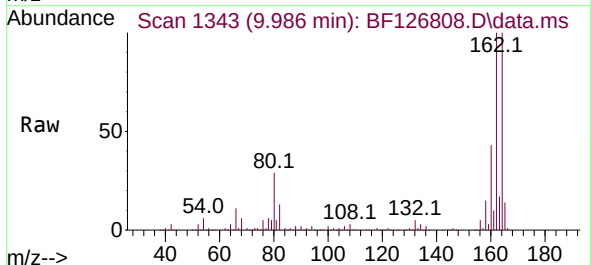
Instrument :
BNA_F
ClientSampleId :
DB-07(20-22)-02-02-22

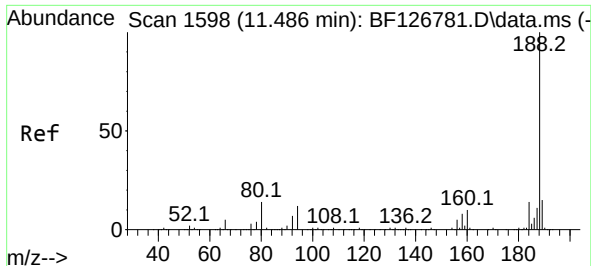
Tgt Ion:165 Resp: 41709
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.941 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.188 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

Tgt Ion:165 Resp: 41709
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.0 71.0 106.4#
182 0.0 1.6 2.4#

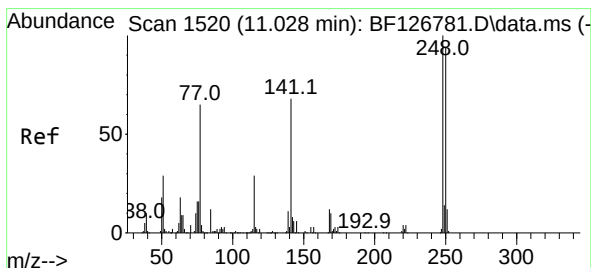
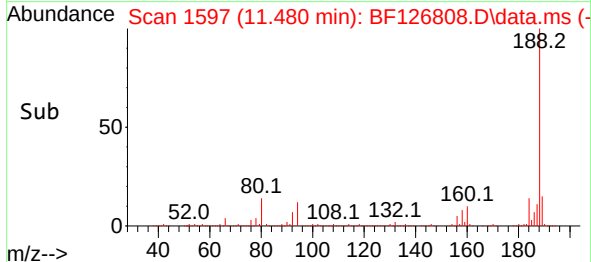
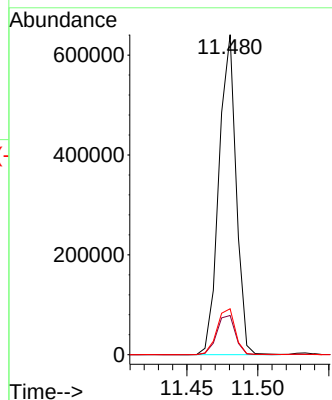
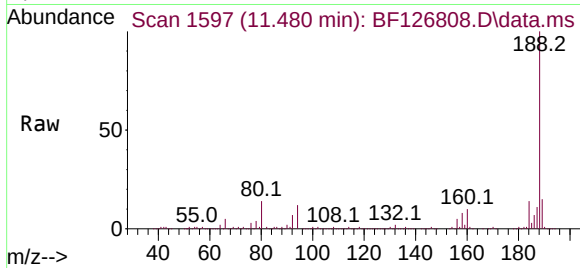




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

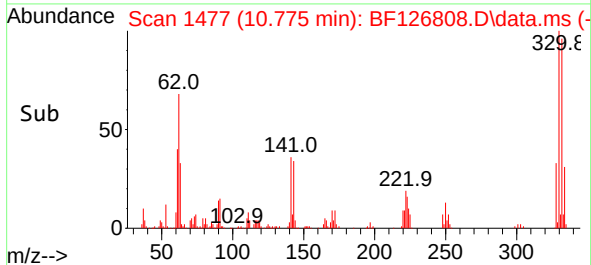
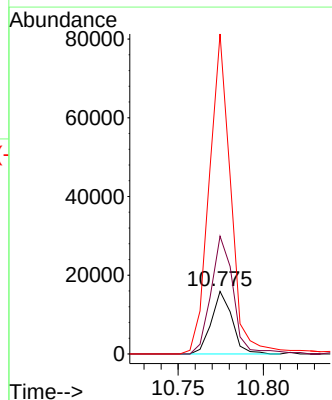
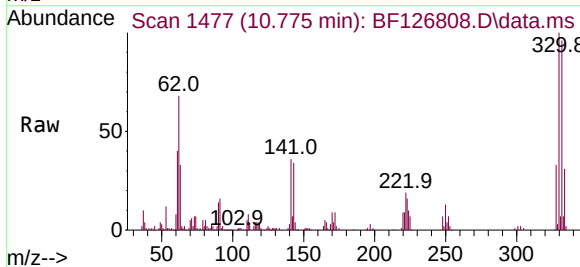
Instrument :
BNA_F
ClientSampleId :
DB-07(20-22)-02-02-22

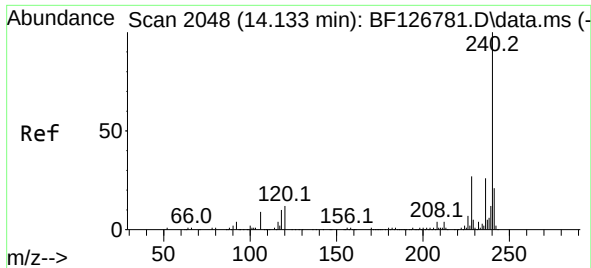
Tgt Ion:188 Resp: 538685
Ion Ratio Lower Upper
188 100
94 12.3 10.1 15.1
80 14.4 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 2.169 ng
RT: 10.775 min Scan# 1477
Delta R.T. -0.253 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

Tgt Ion:248 Resp: 13375
Ion Ratio Lower Upper
248 100
250 188.2 76.2 114.4#
141 511.3 66.2 99.4#

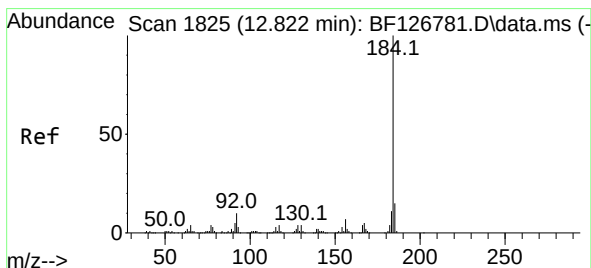
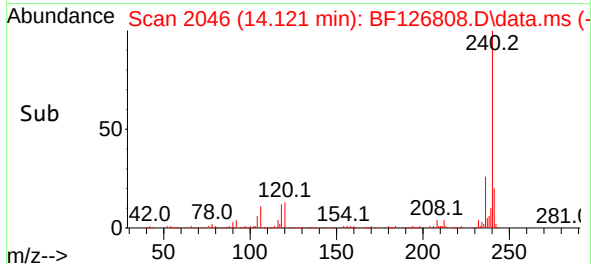
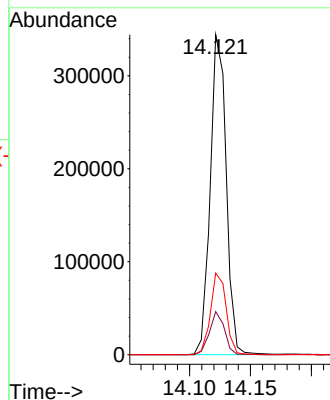
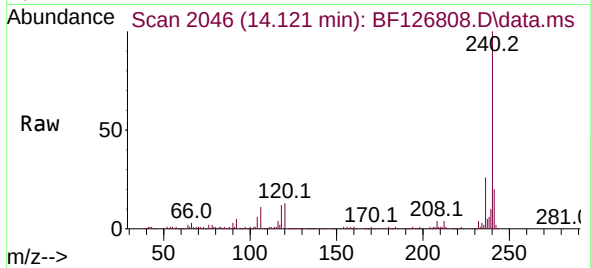




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.012 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

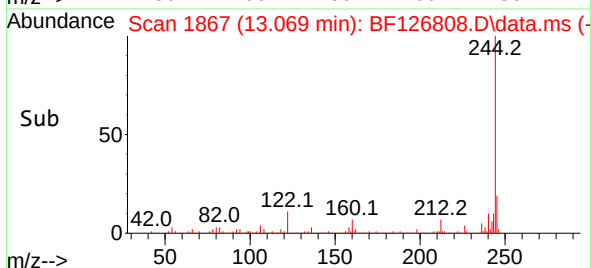
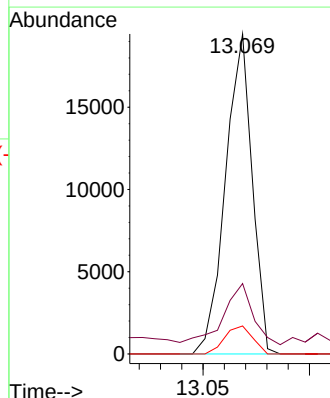
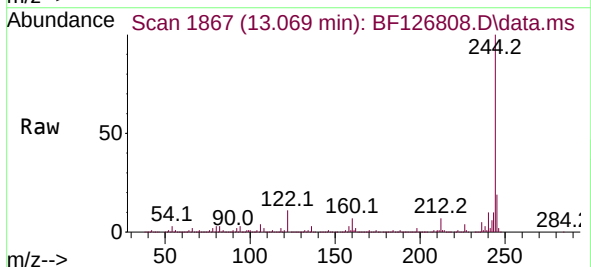
Instrument :
BNA_F
ClientSampleId :
DB-07(20-22)-02-02-22

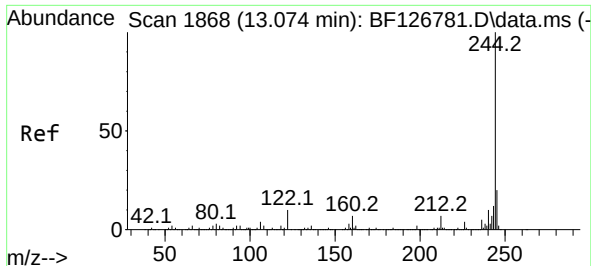
Tgt Ion:240 Resp: 314685
Ion Ratio Lower Upper
240 100
120 13.5 14.4 21.6#
236 25.5 20.5 30.7



#77
Benzidine
Concen: 2.347 ng
RT: 13.069 min Scan# 1867
Delta R.T. 0.247 min
Lab File: BF126808.D
Acq: 04 Feb 2022 14:00

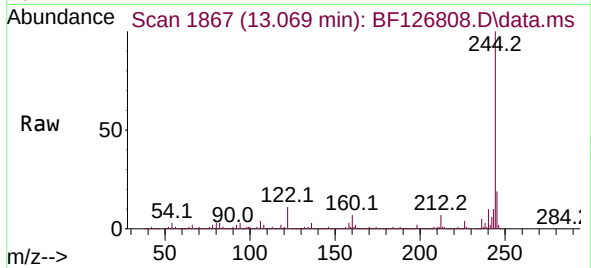
Tgt Ion:184 Resp: 16944
Ion Ratio Lower Upper
184 100
185 22.0 11.8 17.8#
183 8.8 8.2 12.2



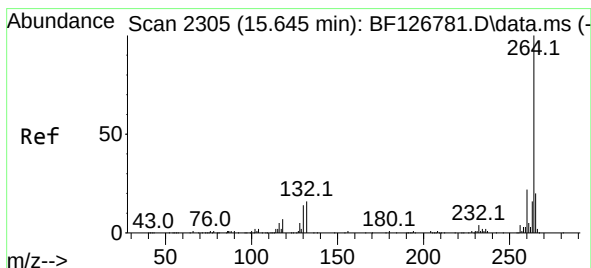
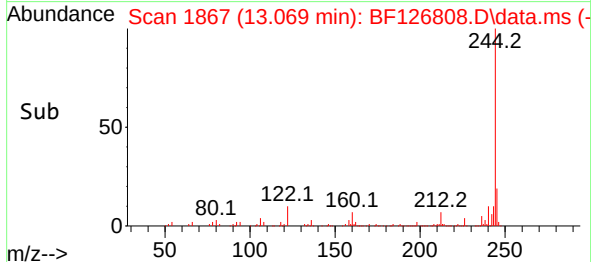
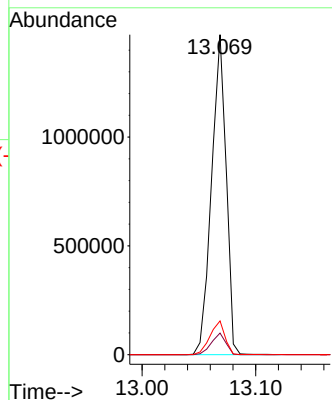


#79
 Terphenyl-d14
 Concen: 69.781 ng
 RT: 13.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126808.D
 Acq: 04 Feb 2022 14:00

Instrument :
 BNA_F
 ClientSampleId :
 DB-07(20-22)-02-02-22



Tgt Ion:244 Resp: 1312677
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 10.5 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: BF126808.D
 Acq: 04 Feb 2022 14:00

Tgt Ion:264 Resp: 250444
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.9 17.4 26.2

