

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128667.D
 Acq On : 03 Jun 2022 05:37
 Operator : CG\JU
 Sample : N2990-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P028-SS003-0006-01

Quant Time: Jun 03 05:58:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

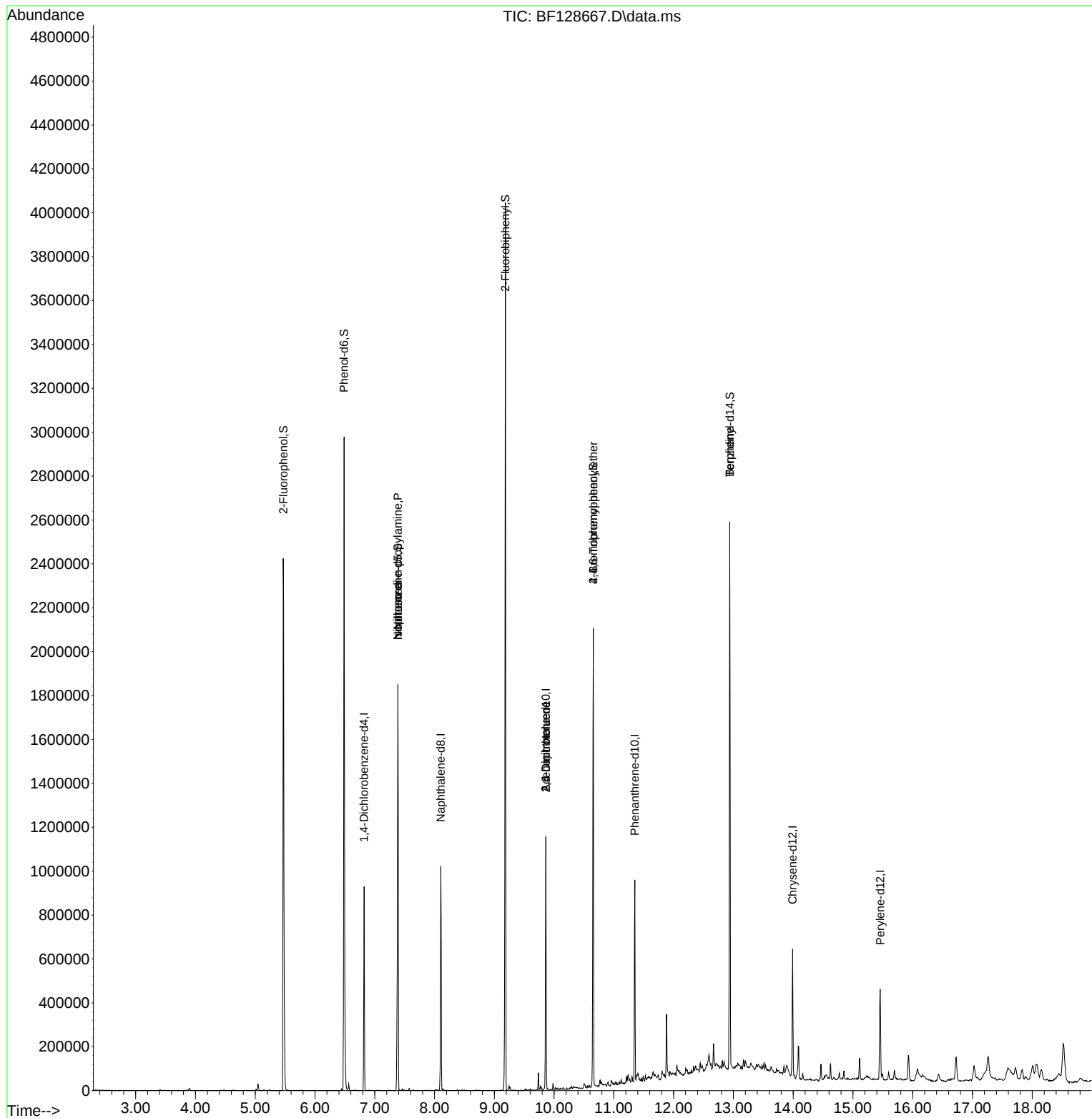
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	109823	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	398601	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	201208	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	306299	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	184763	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	182366	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	619841	89.899	ng	0.00
7) Phenol-d6	6.487	99	807475	95.942	ng	-0.01
23) Nitrobenzene-d5	7.386	82	578046	67.519	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	212753	89.491	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1088149	75.756	ng	0.00
79) Terphenyl-d14	12.939	244	781544	73.502	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	83410	15.940	ng	# 82
25) Isophorone	7.386	82	577678	44.428	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	25951	9.547	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	25951	7.154	ng	# 22
67) 4-Bromophenyl-phenylether	10.657	248	15153	4.436	ng	# 1
77) Benzidine	12.939	184	13554	3.680	ng	# 92

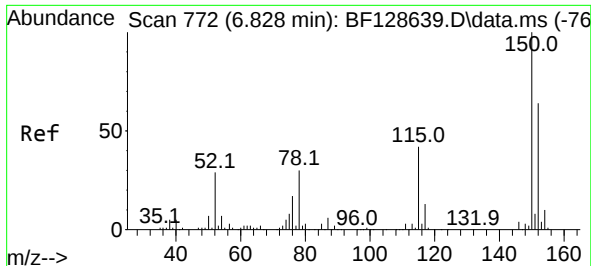
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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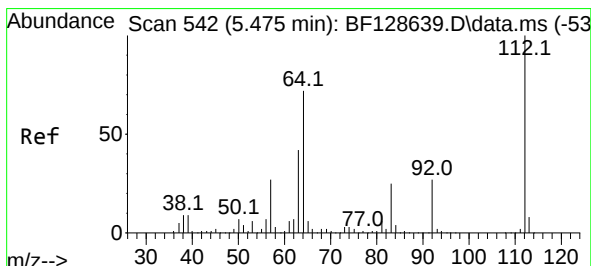
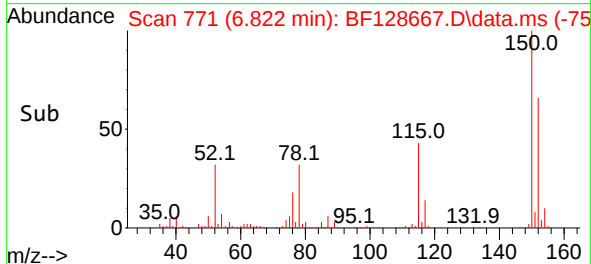
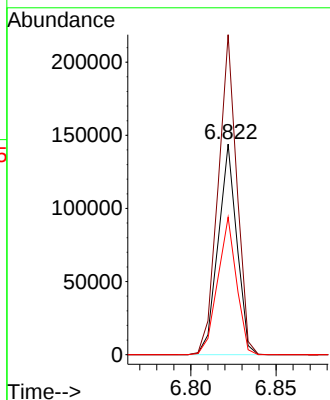
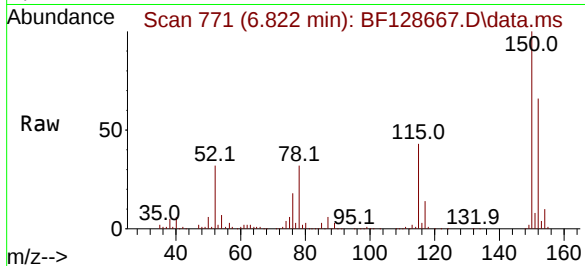




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

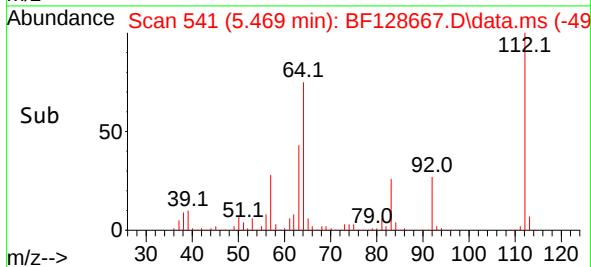
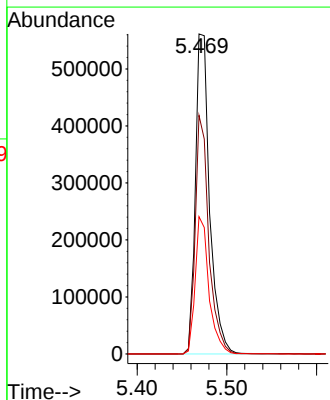
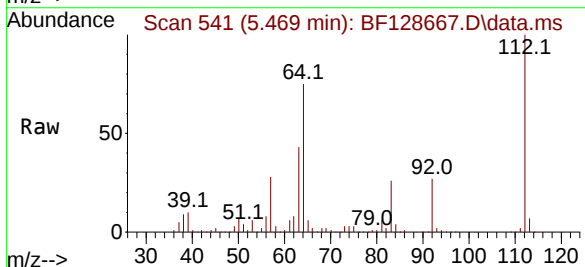
Instrument :
BNA_F
ClientSampleId :
P028-SS003-0006-01

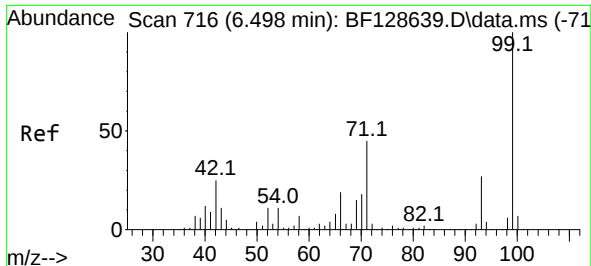
Tgt Ion:152 Resp: 109823
Ion Ratio Lower Upper
152 100
150 152.0 123.7 185.5
115 65.3 49.9 74.9



#5
2-Fluorophenol
Concen: 89.899 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.006 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Tgt Ion:112 Resp: 619841
Ion Ratio Lower Upper
112 100
64 74.6 53.3 79.9
63 42.9 28.0 42.0#

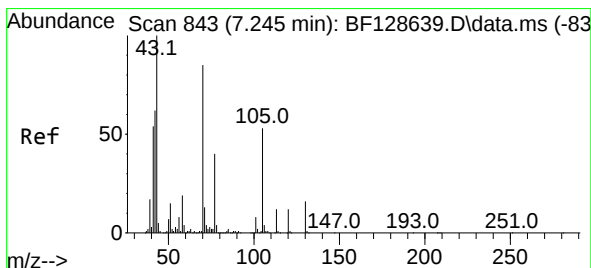
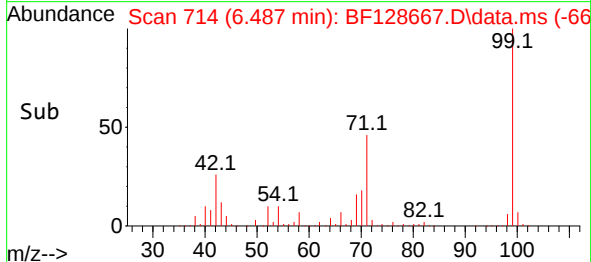
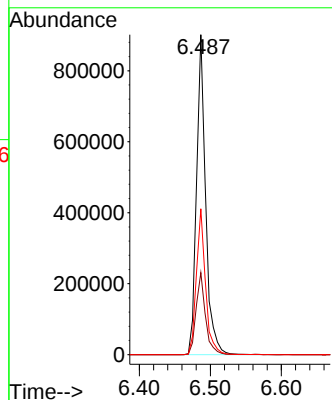
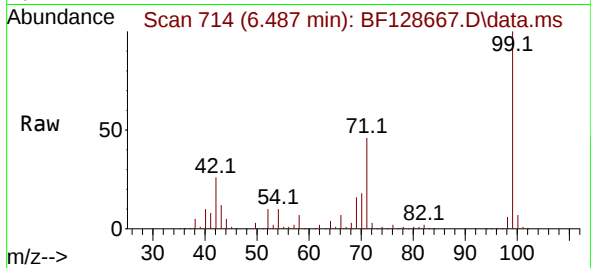




#7
Phenol-d6
Concen: 95.942 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

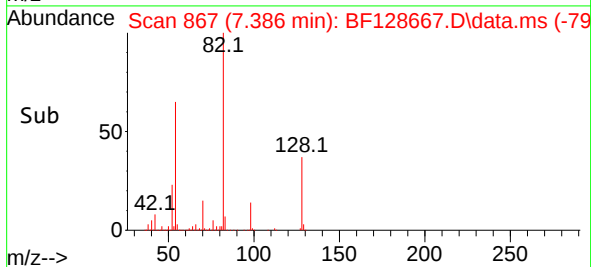
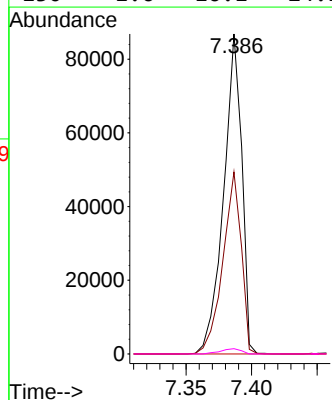
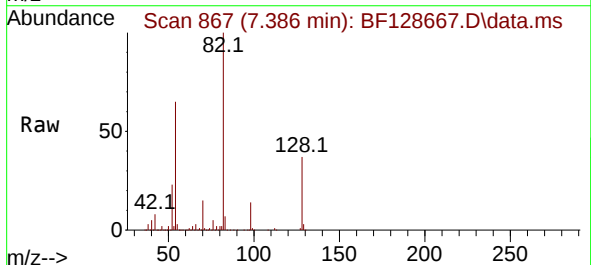
Instrument :
BNA_F
ClientSampleId :
P028-SS003-0006-01

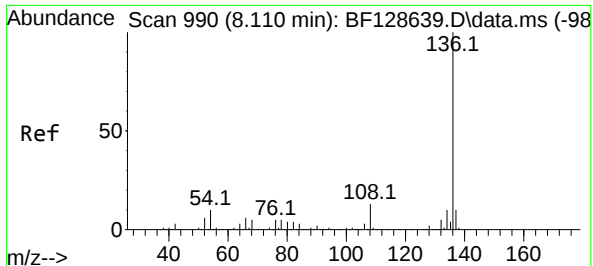
Tgt Ion: 99 Resp: 807475
Ion Ratio Lower Upper
99 100
42 25.6 17.3 25.9
71 45.6 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.940 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Tgt Ion: 70 Resp: 83410
Ion Ratio Lower Upper
70 100
42 56.8 52.3 78.5
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128667.D

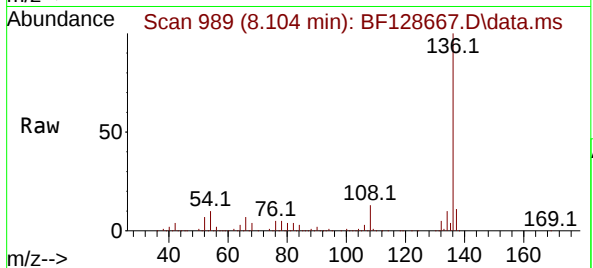
Acq: 03 Jun 2022 05:37

Instrument :

BNA_F

ClientSampleId :

P028-SS003-0006-01



Tgt Ion:136 Resp: 398601

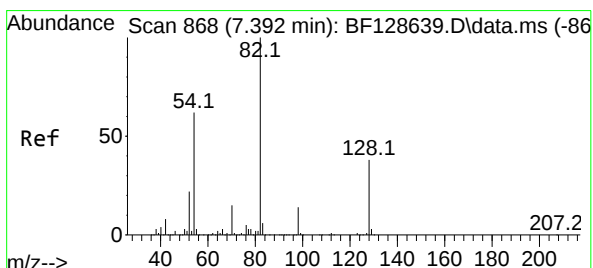
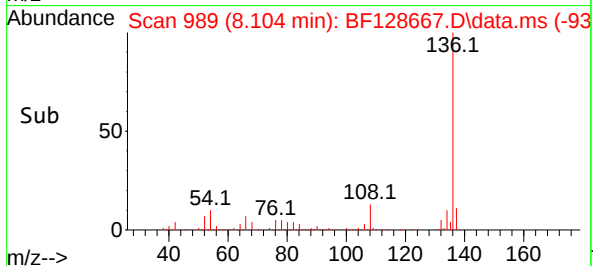
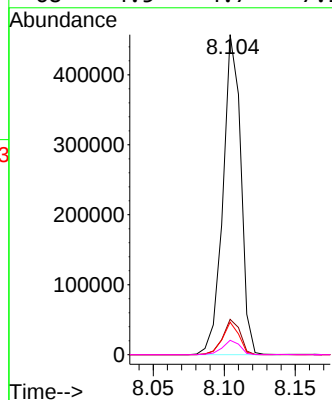
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.1 7.5 11.3

68 4.5 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 67.519 ng

RT: 7.386 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF128667.D

Acq: 03 Jun 2022 05:37

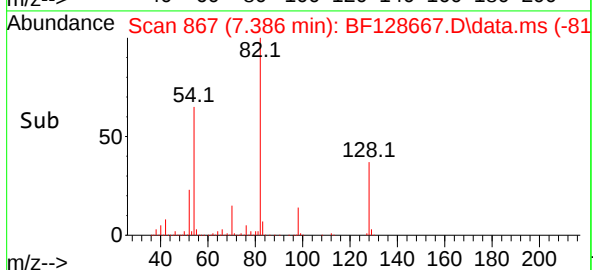
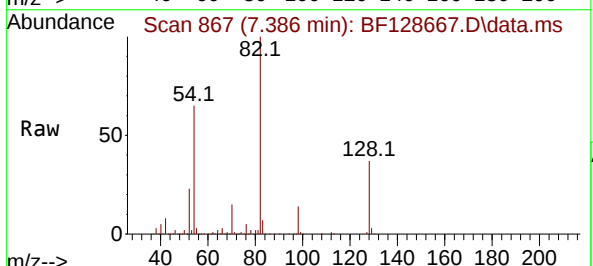
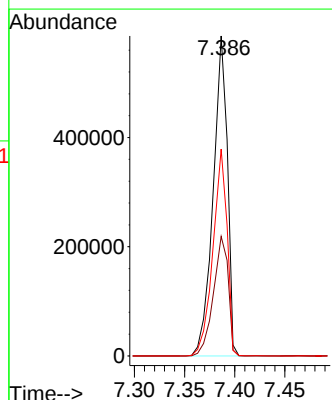
Tgt Ion: 82 Resp: 578046

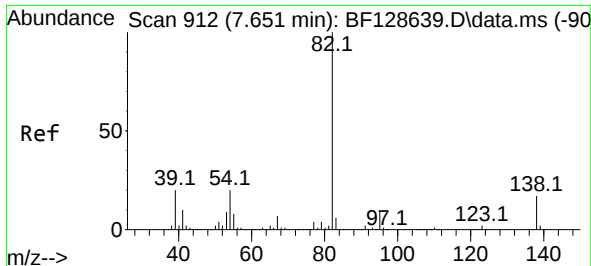
Ion Ratio Lower Upper

82 100

128 37.3 34.0 51.0

54 64.6 46.9 70.3

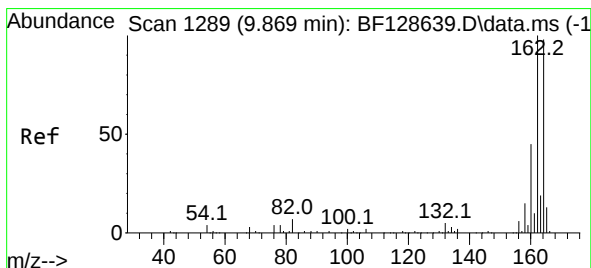
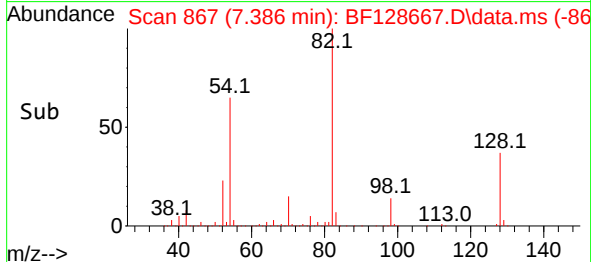
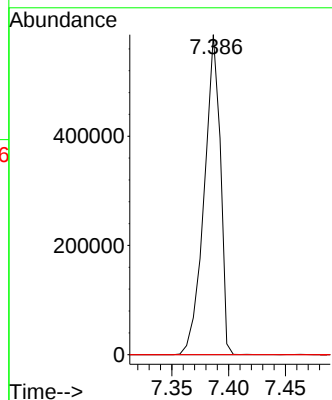
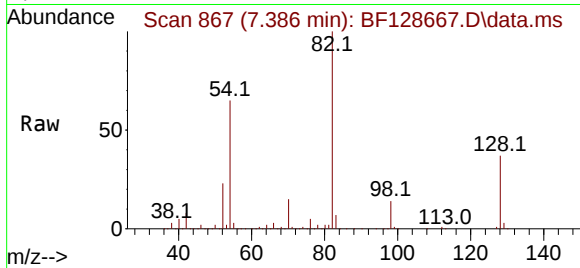




#25
Isophorone
Concen: 44.428 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

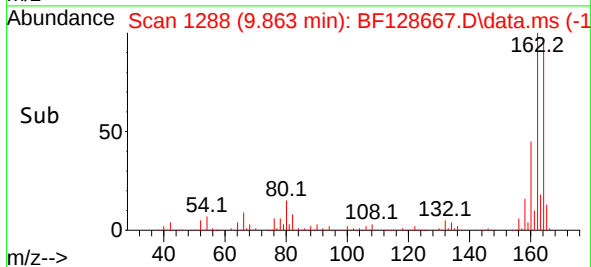
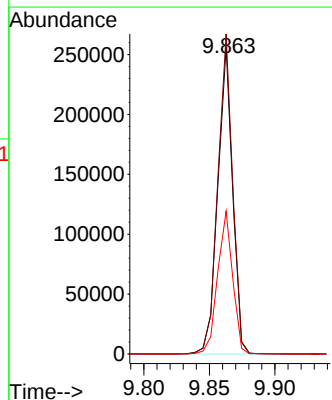
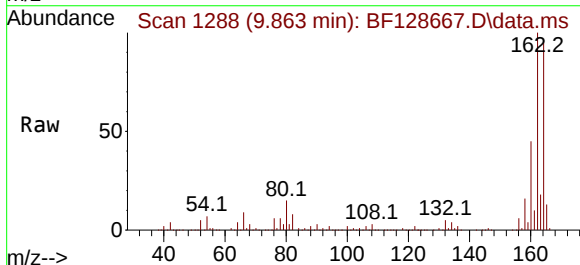
Instrument :
BNA_F
ClientSampleId :
P028-SS003-0006-01

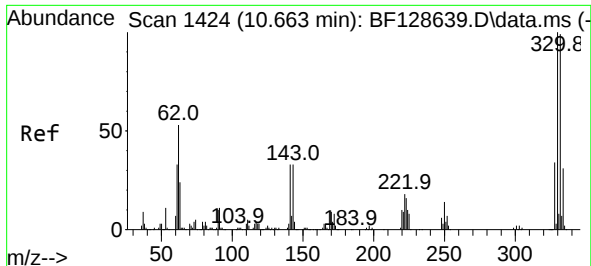
Tgt Ion: 82 Resp: 577678
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Tgt Ion:164 Resp: 201208
Ion Ratio Lower Upper
164 100
162 104.1 79.5 119.3
160 46.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 89.491 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128667.D

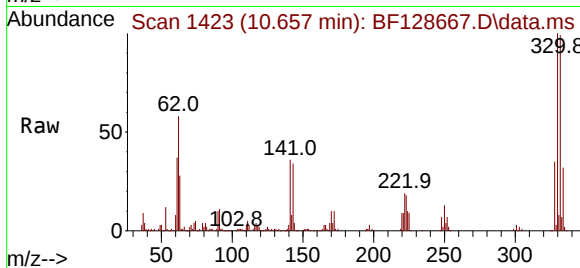
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Instrument :

BNA_F

ClientSampleId :

P028-SS003-0006-01



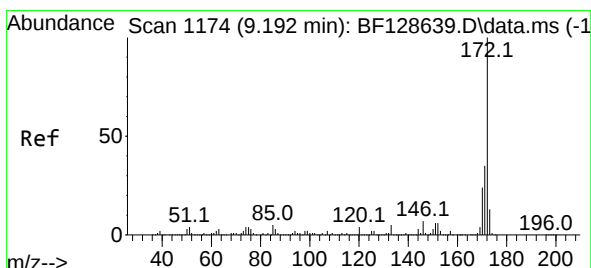
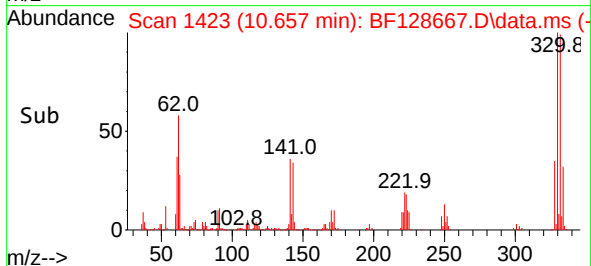
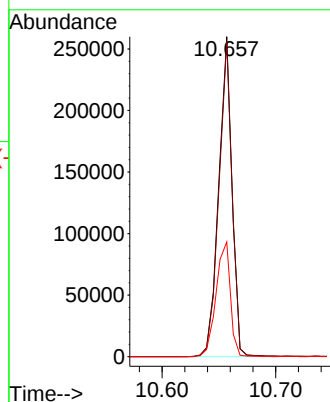
Tgt Ion:330 Resp: 212753

Ion Ratio Lower Upper

330 100

332 97.7 76.8 115.2

141 38.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 75.756 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128667.D

Acq: 03 Jun 2022 05:37

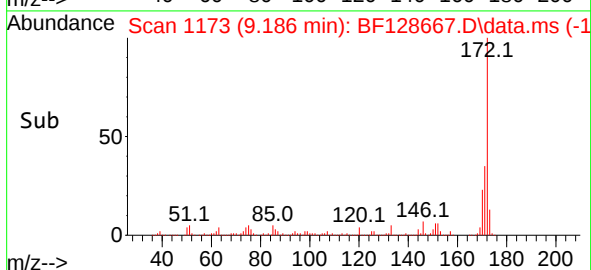
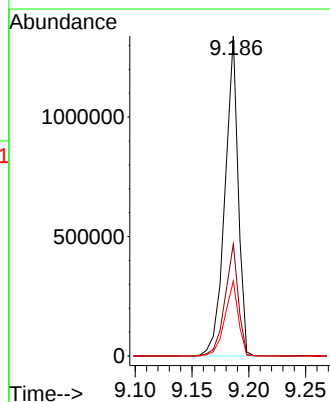
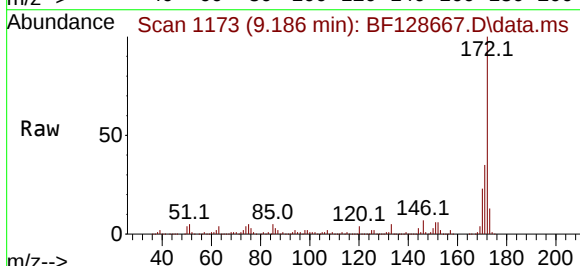
Tgt Ion:172 Resp: 1088149

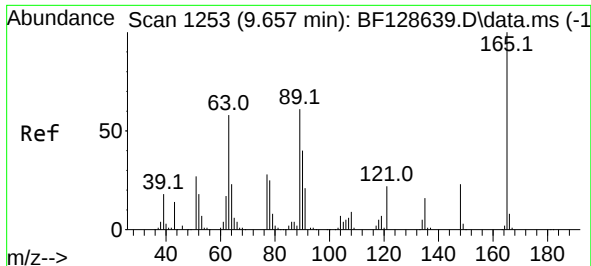
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.4 19.8 29.8

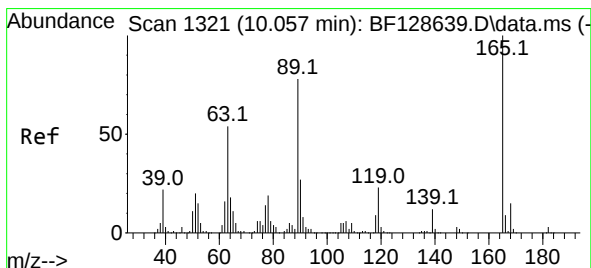
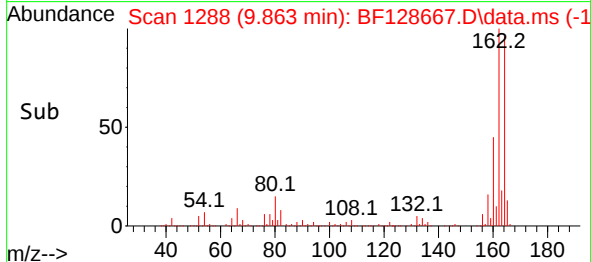
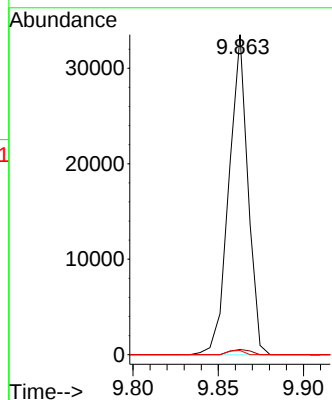
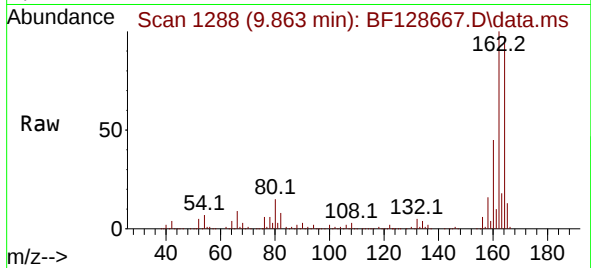




#51
2,6-Dinitrotoluene
Concen: 9.547 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

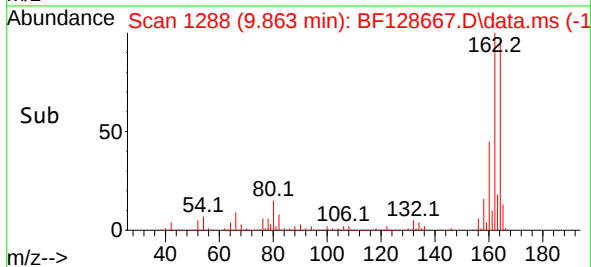
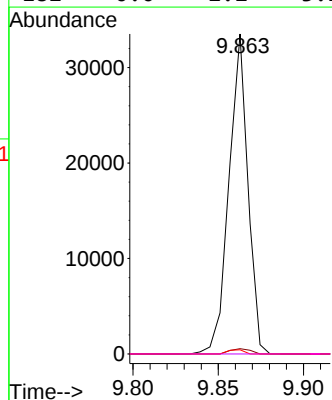
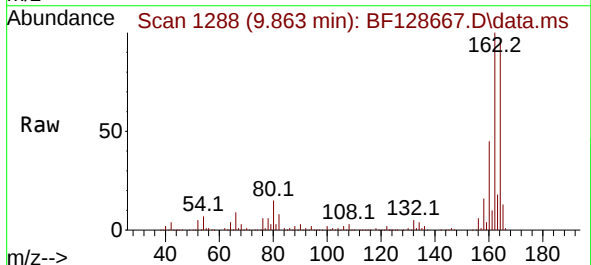
Instrument :
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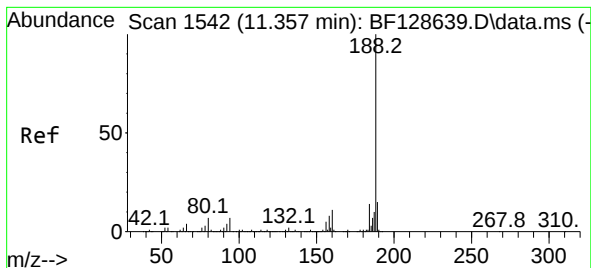
Tgt Ion:165 Resp: 25951
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.154 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Tgt Ion:165 Resp: 25951
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128667.D

Acq: 03 Jun 2022 05:37

Instrument :

BNA_F

ClientSampleId :

P028-SS003-0006-01

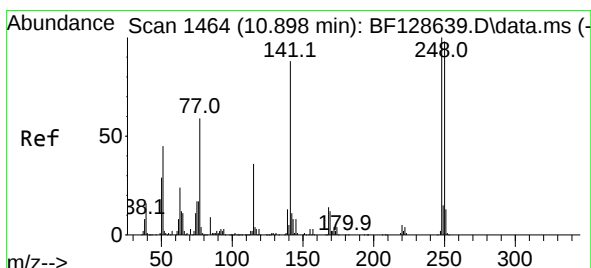
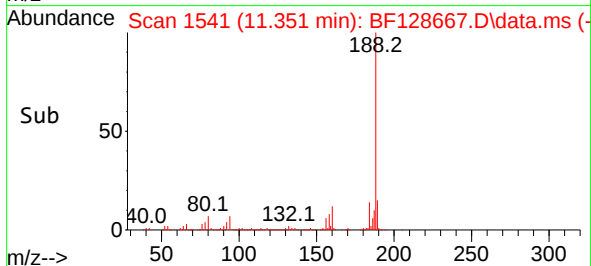
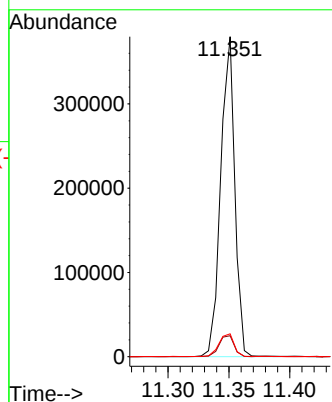
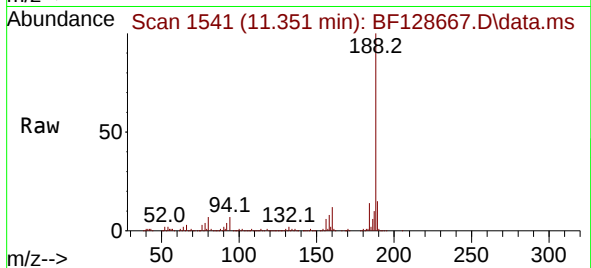
Tgt Ion:188 Resp: 306299

Ion Ratio Lower Upper

188 100

94 6.6 7.0 10.6#

80 7.2 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.436 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.241 min

Lab File: BF128667.D

Acq: 03 Jun 2022 05:37

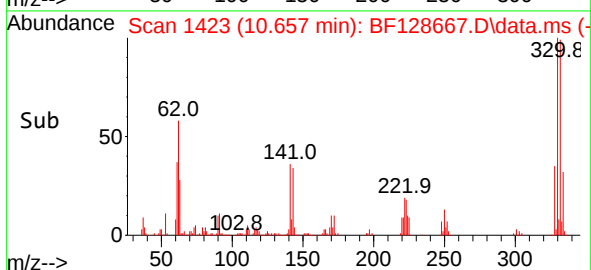
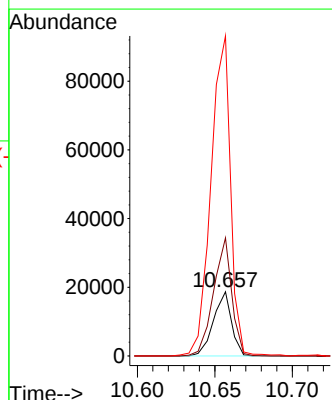
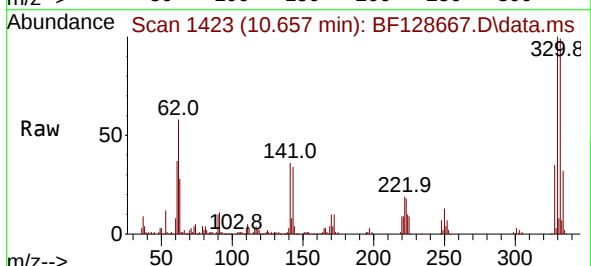
Tgt Ion:248 Resp: 15153

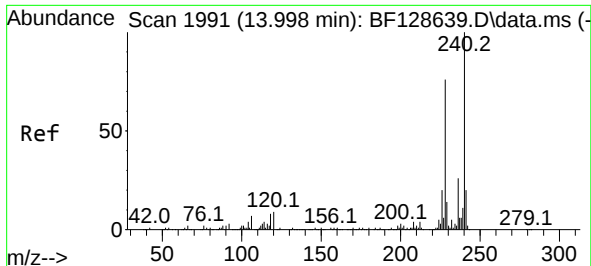
Ion Ratio Lower Upper

248 100

250 184.3 80.6 120.8#

141 499.2 58.9 88.3#

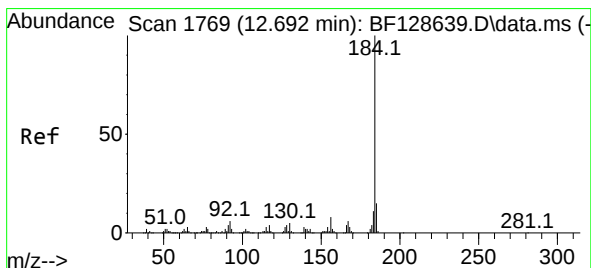
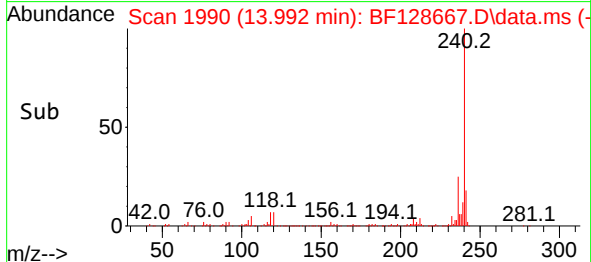
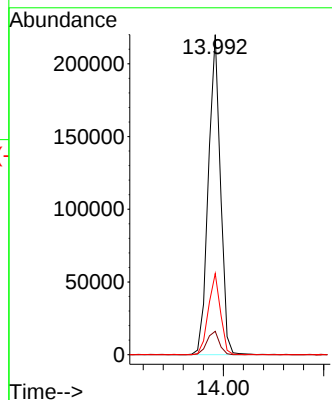
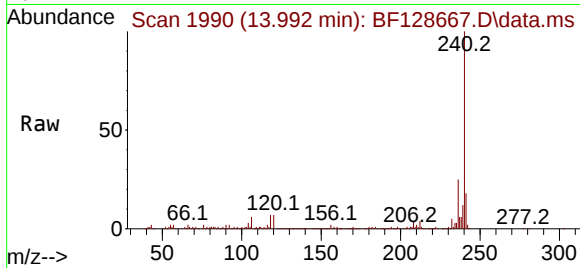




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

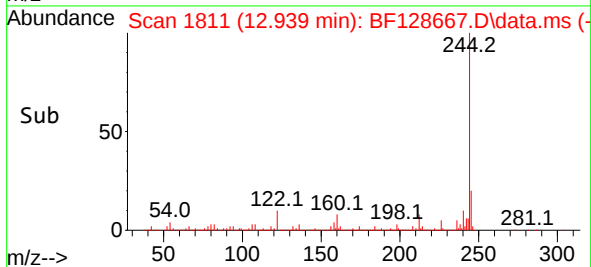
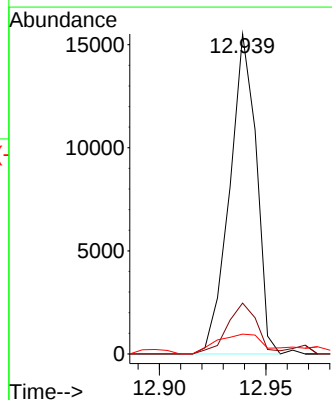
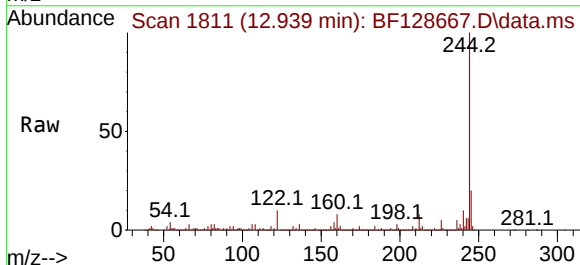
Instrument :
BNA_F
ClientSampleId :
P028-SS003-0006-01

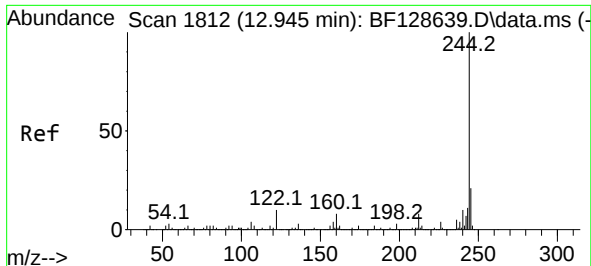
Tgt Ion:240 Resp: 184763
Ion Ratio Lower Upper
240 100
120 7.3 8.9 13.3#
236 25.3 20.8 31.2



#77
Benzidine
Concen: 3.680 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128667.D
Acq: 03 Jun 2022 05:37

Tgt Ion:184 Resp: 13554
Ion Ratio Lower Upper
184 100
185 15.9 11.9 17.9
183 6.2 9.3 13.9#

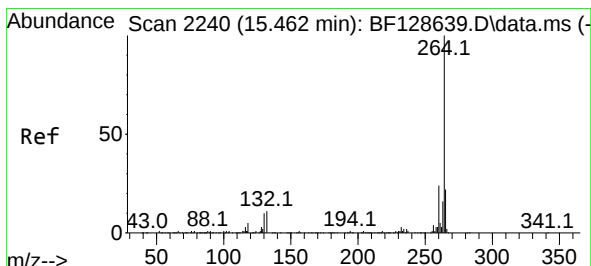
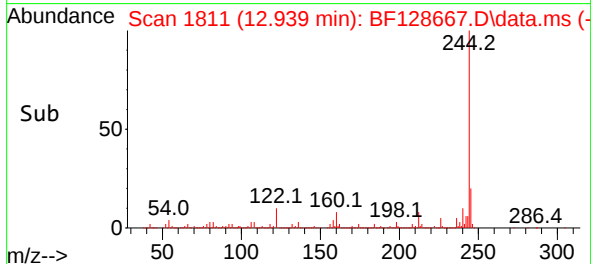
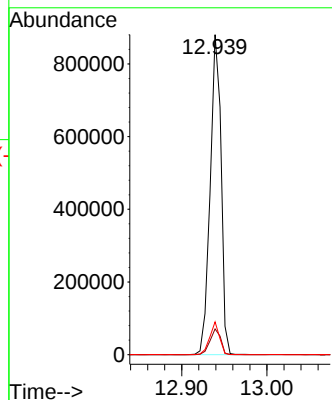
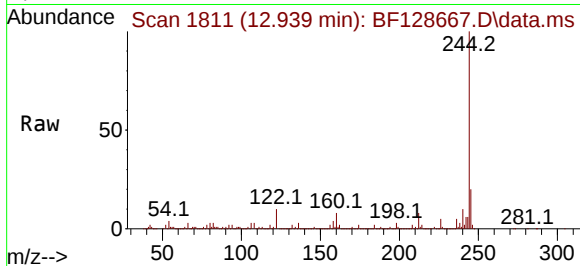




#79
 Terphenyl-d14
 Concen: 73.502 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128667.D
 Acq: 03 Jun 2022 05:37

Instrument :
 BNA_F
 ClientSampleId :
 P028-SS003-0006-01

Tgt Ion:244 Resp: 781544
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.1 9.1
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. -0.005 min
 Lab File: BF128667.D
 Acq: 03 Jun 2022 05:37

Tgt Ion:264 Resp: 182366
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.4 27.6
 265 22.2 17.2 25.8

