

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128665.D
 Acq On : 03 Jun 2022 04:37
 Operator : CG\JU
 Sample : N2986-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P027-SS001-2430-01

Quant Time: Jun 03 04:58:17 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)

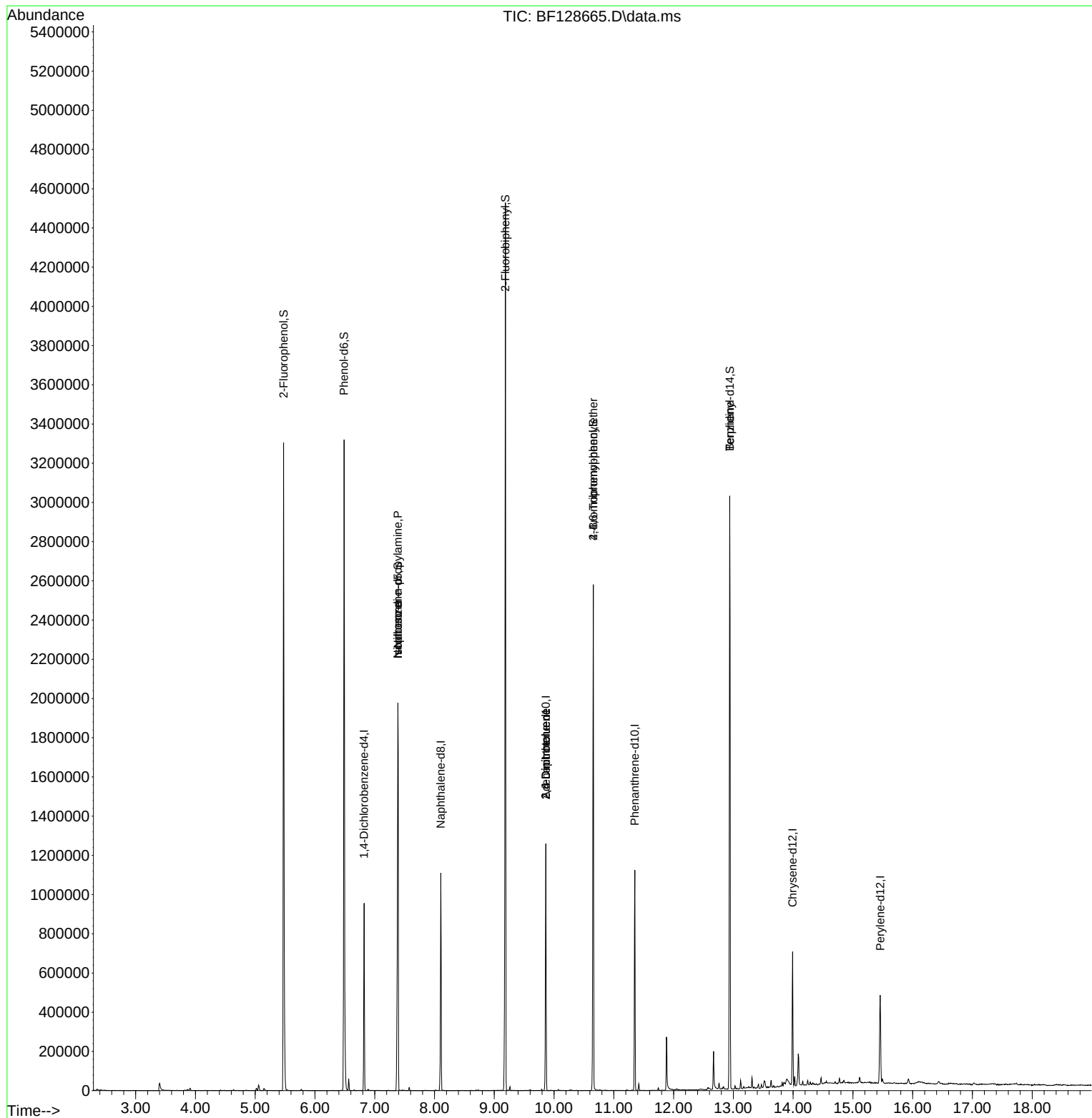
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	112602	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	424249	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	227278	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	375281	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	218030	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	199489	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	736025	104.116	ng	0.00
7) Phenol-d6	6.487	99	938520	108.760	ng	-0.01
23) Nitrobenzene-d5	7.387	82	690066	75.730	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	265347	98.811	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1260153	77.668	ng	0.00
79) Terphenyl-d14	12.939	244	1036022	82.568	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	99808	18.602	ng	# 82
25) Isophorone	7.387	82	689010	49.786	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	29217	9.516	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	29217	7.130	ng	# 22
67) 4-Bromophenyl-phenylether	10.657	248	18062	4.316	ng	# 1
77) Benzidine	12.939	184	17189	3.955	ng	# 93

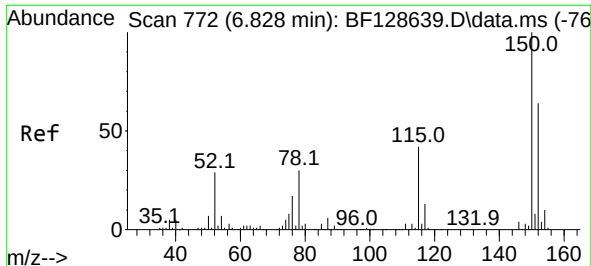
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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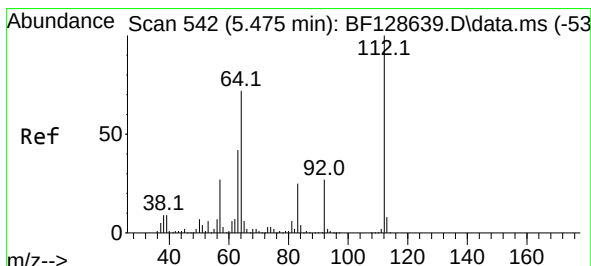
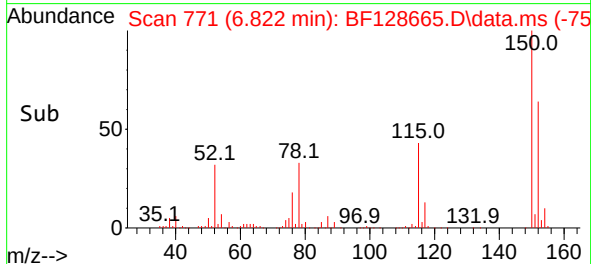
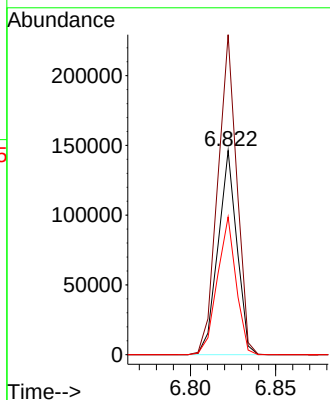
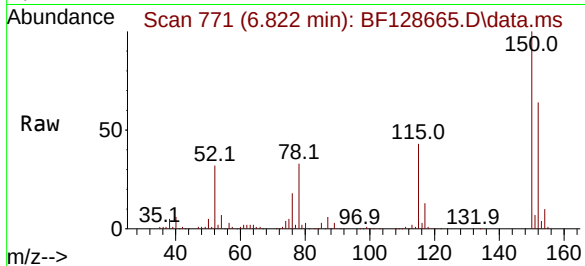




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

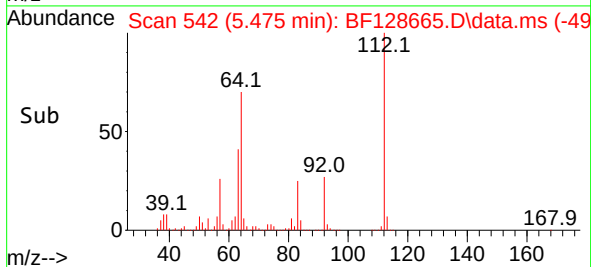
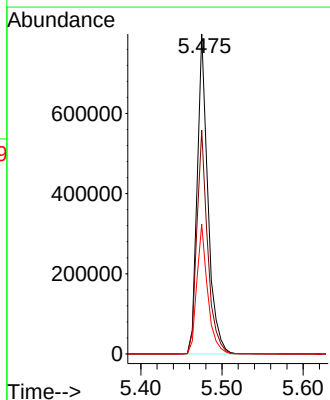
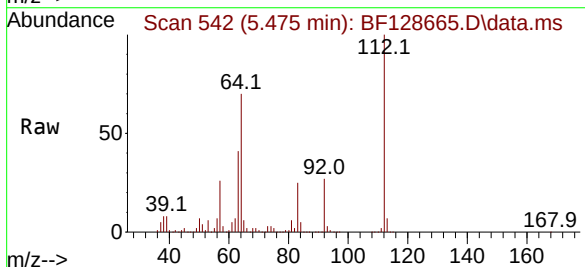
Instrument :
BNA_F
ClientSampleId :
P027-SS001-2430-01

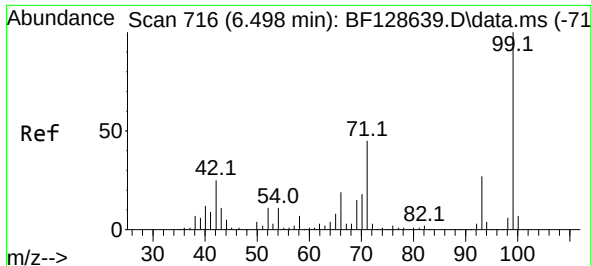
Tgt Ion:152 Resp: 112602
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 67.5 49.9 74.9



#5
2-Fluorophenol
Concen: 104.116 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.000 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

Tgt Ion:112 Resp: 736025
Ion Ratio Lower Upper
112 100
64 69.9 53.3 79.9
63 40.5 28.0 42.0

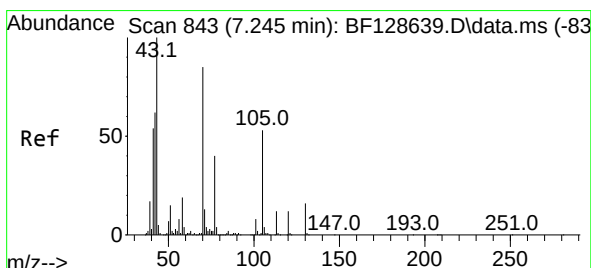
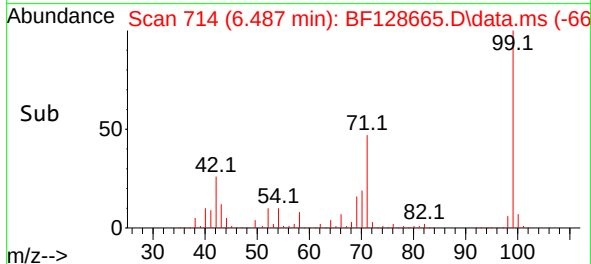
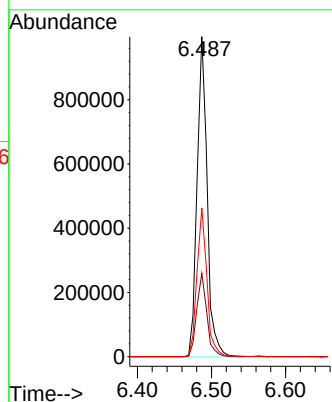
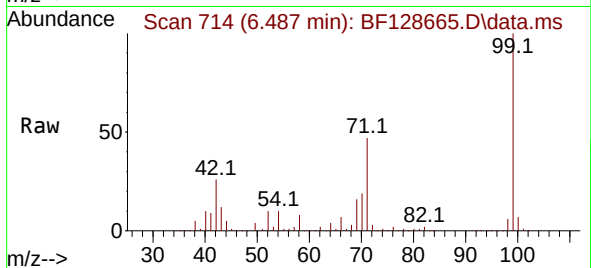




#7
Phenol-d6
Concen: 108.760 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

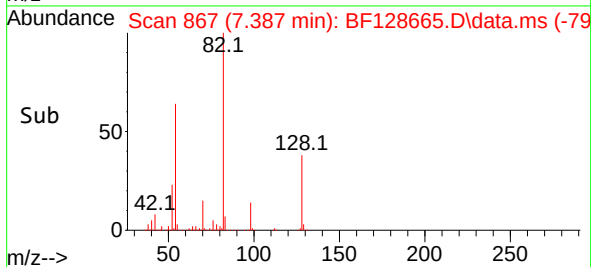
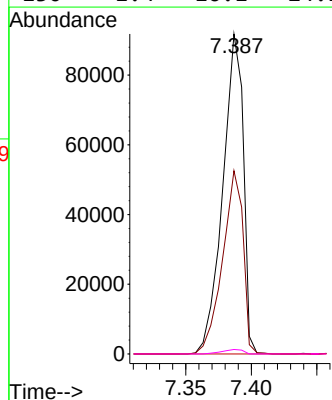
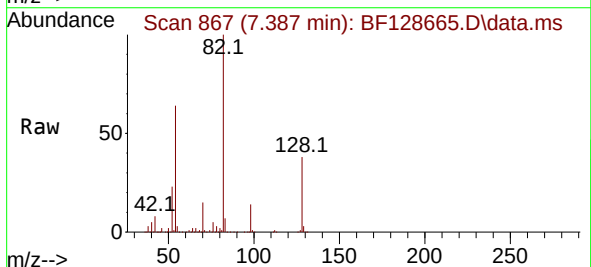
Instrument :
BNA_F
ClientSampleId :
P027-SS001-2430-01

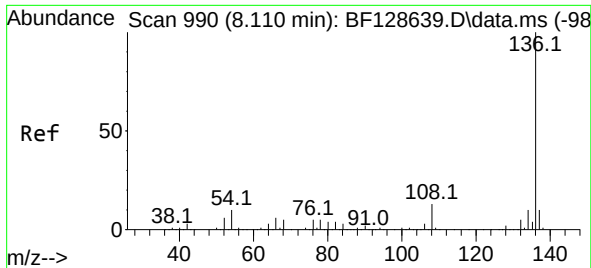
Tgt Ion: 99 Resp: 938520
Ion Ratio Lower Upper
99 100
42 26.1 17.3 25.9#
71 46.5 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 18.602 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

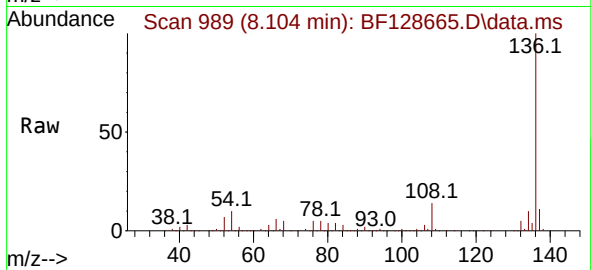
Tgt Ion: 70 Resp: 99808
Ion Ratio Lower Upper
70 100
42 57.2 52.3 78.5
101 0.0 7.5 11.3#
130 1.4 16.1 24.1#



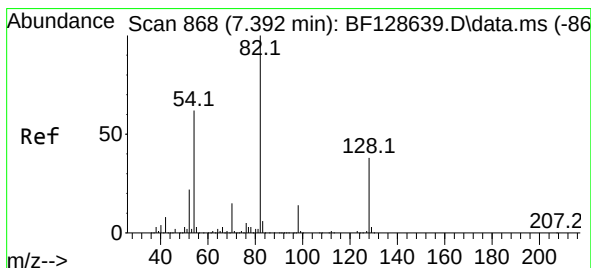
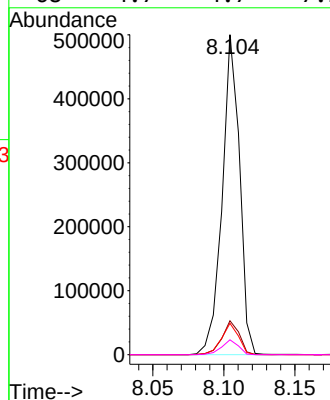
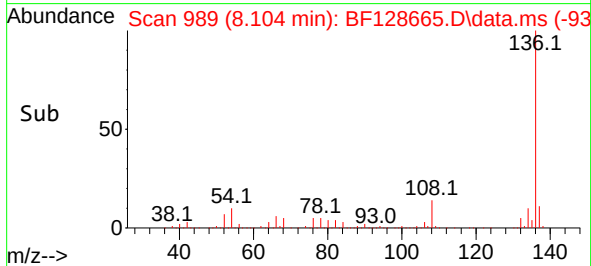


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

Instrument :
BNA_F
ClientSampleId :
P027-SS001-2430-01

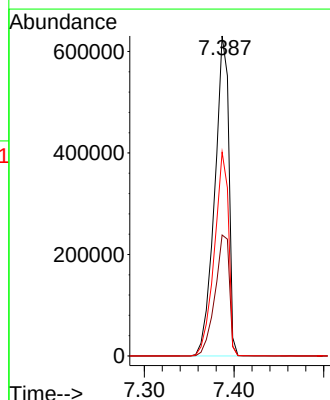
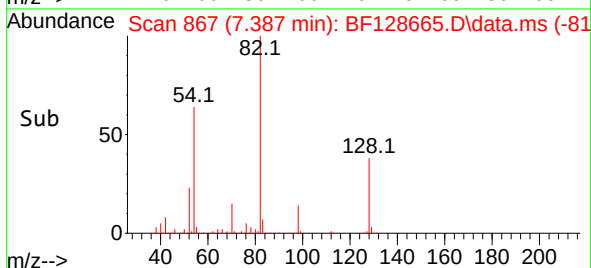
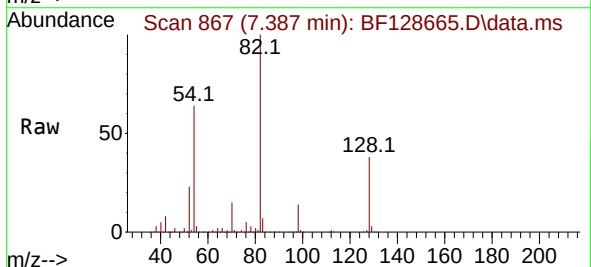


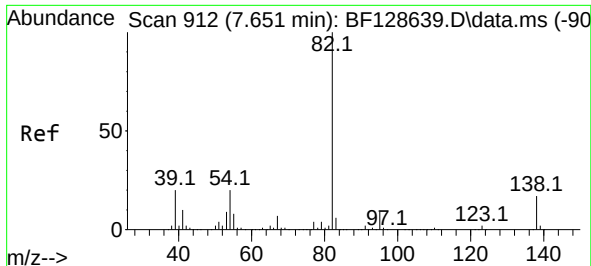
Tgt Ion:136 Resp: 424249
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.8 7.5 11.3
68 4.7 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 75.730 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

Tgt Ion: 82 Resp: 690066
Ion Ratio Lower Upper
82 100
128 37.8 34.0 51.0
54 63.7 46.9 70.3

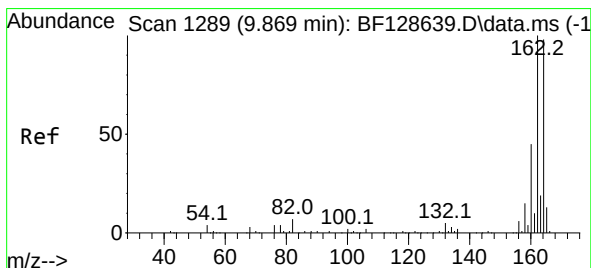
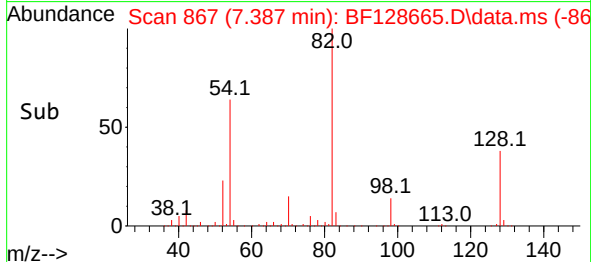
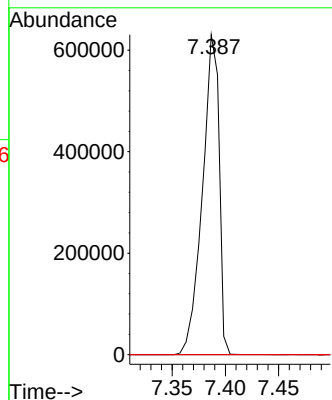
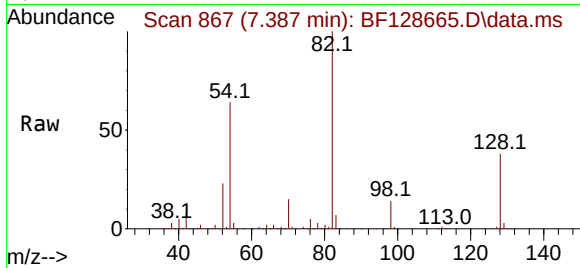




#25
Isophorone
Concen: 49.786 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.264 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

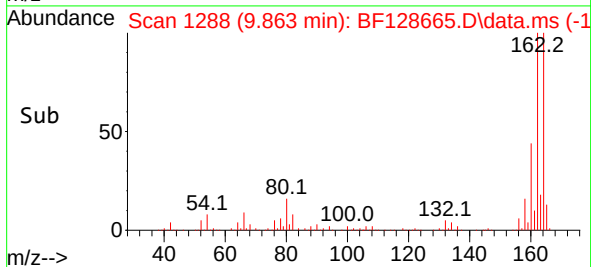
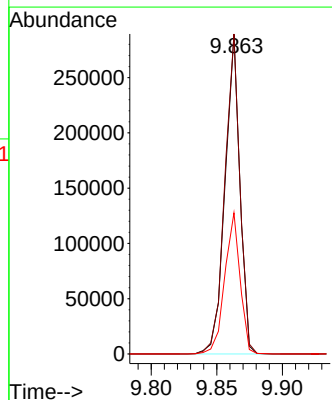
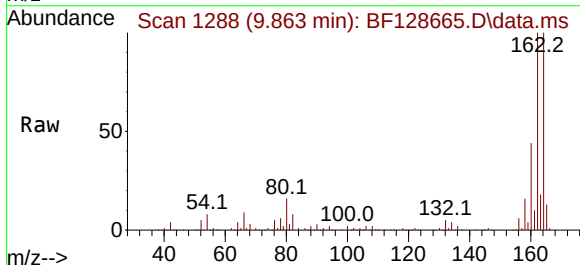
Instrument :
BNA_F
ClientSampleId :
P027-SS001-2430-01

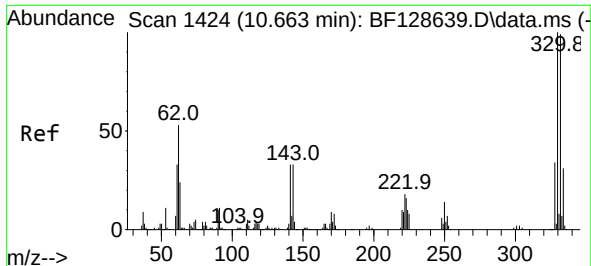
Tgt Ion: 82 Resp: 689010
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

Tgt Ion:164 Resp: 227278
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.811 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128665.D

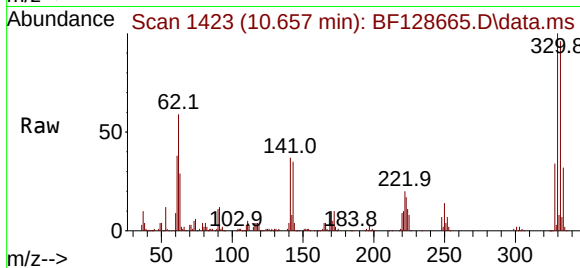
Acq: 03 Jun 2022 04:37

Instrument :

BNA_F

ClientSampleId :

P027-SS001-2430-01



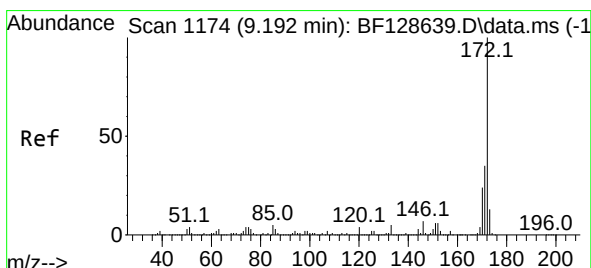
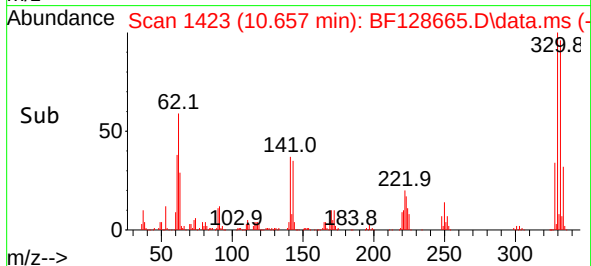
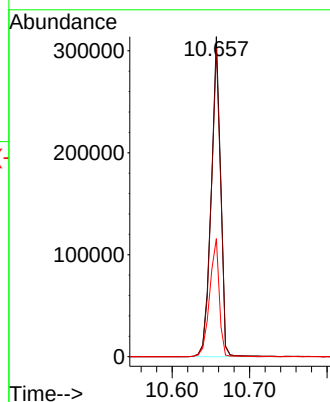
Tgt Ion:330 Resp: 265347

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

141 37.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 77.668 ng

RT: 9.187 min Scan# 1173

Delta R.T. -0.005 min

Lab File: BF128665.D

Acq: 03 Jun 2022 04:37

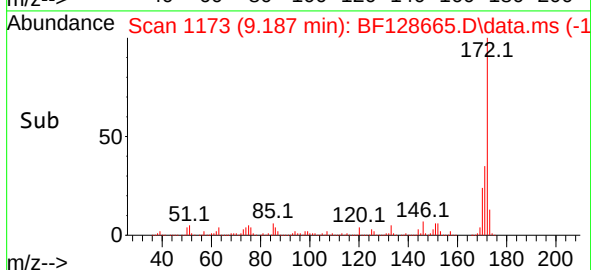
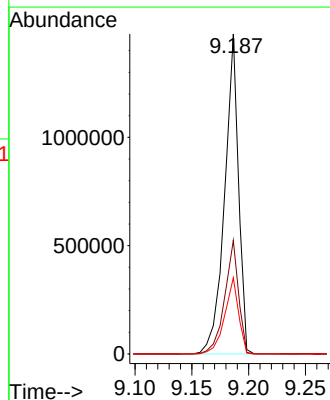
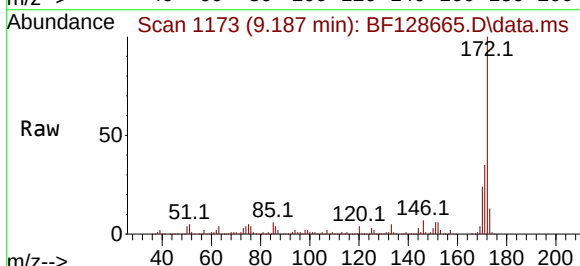
Tgt Ion:172 Resp: 1260153

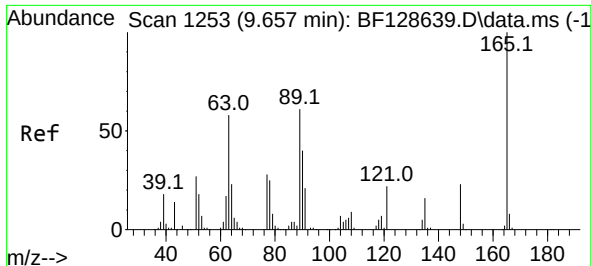
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.516 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128665.D

Acq: 03 Jun 2022 04:37

Instrument :

BNA_F

ClientSampleId :

P027-SS001-2430-01

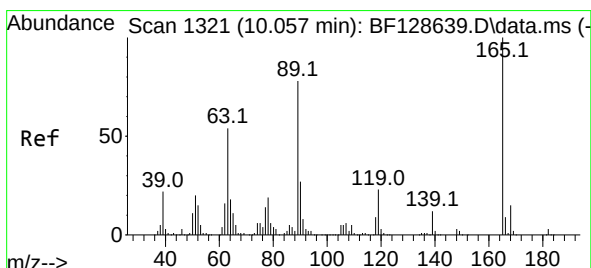
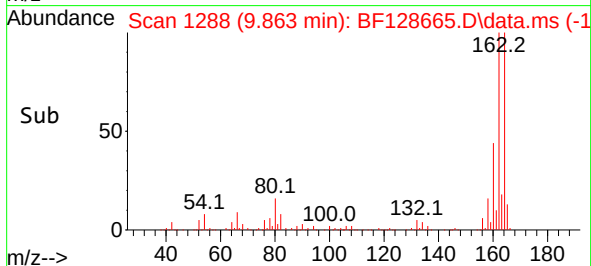
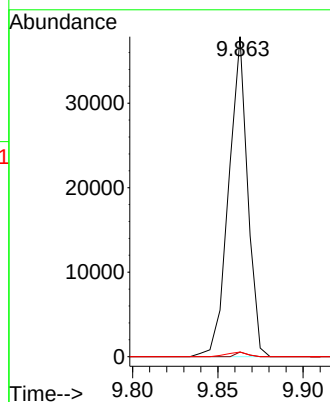
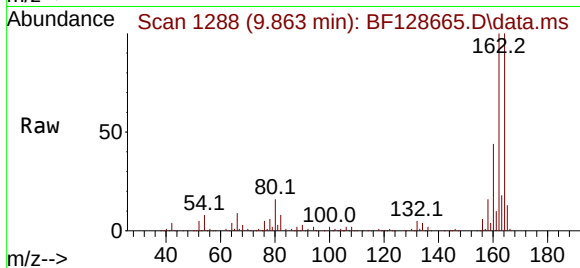
Tgt Ion:165 Resp: 29217

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.130 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128665.D

Acq: 03 Jun 2022 04:37

Tgt Ion:165 Resp: 29217

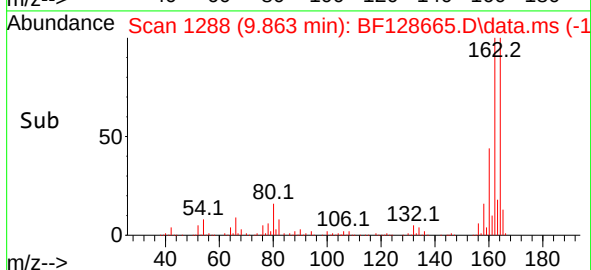
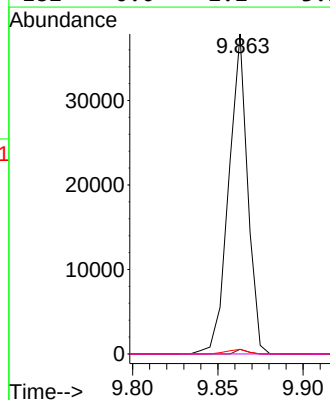
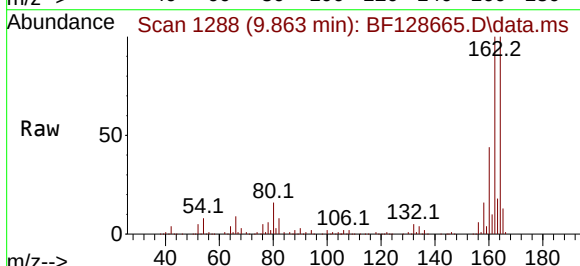
Ion Ratio Lower Upper

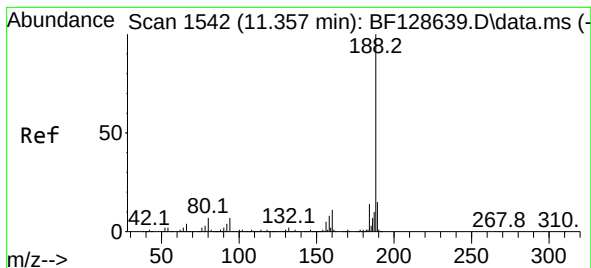
165 100

63 1.4 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128665.D

Acq: 03 Jun 2022 04:37

Instrument :

BNA_F

ClientSampleId :

P027-SS001-2430-01

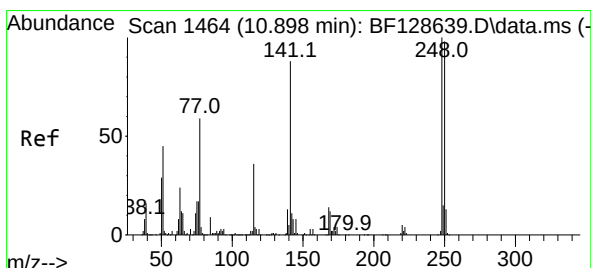
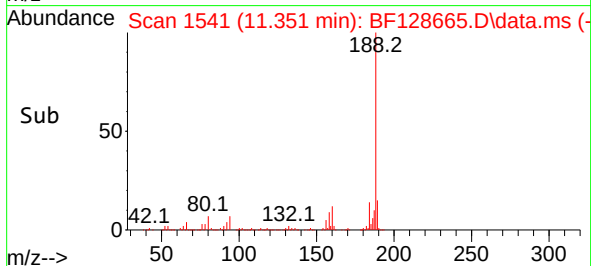
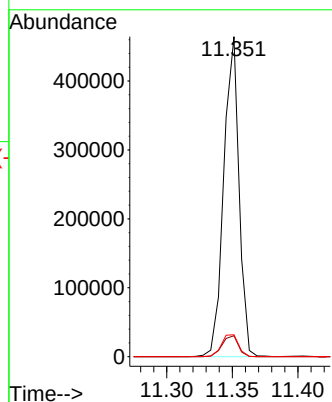
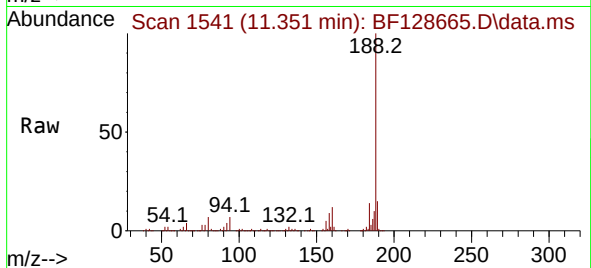
Tgt Ion:188 Resp: 375281

Ion Ratio Lower Upper

188 100

94 6.5 7.0 10.6#

80 6.9 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.316 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.241 min

Lab File: BF128665.D

Acq: 03 Jun 2022 04:37

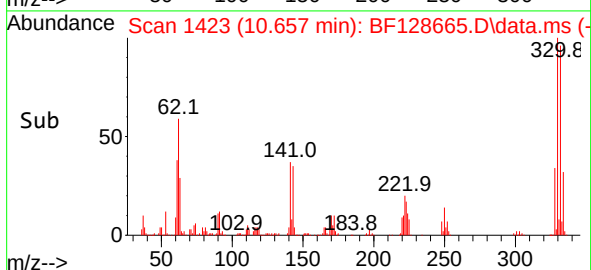
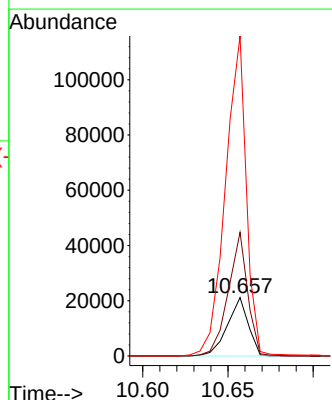
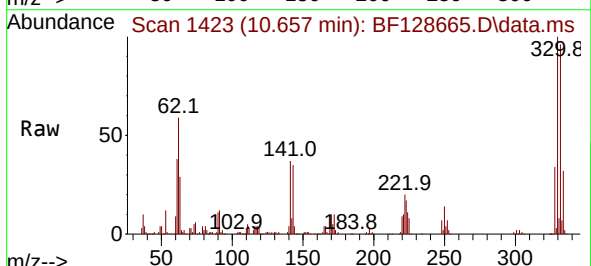
Tgt Ion:248 Resp: 18062

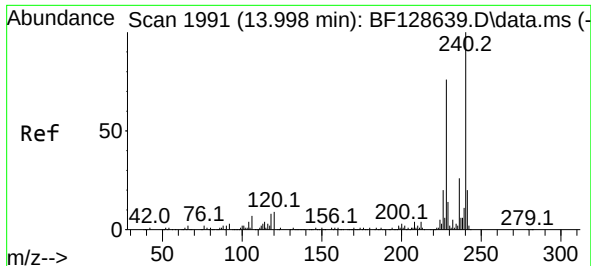
Ion Ratio Lower Upper

248 100

250 211.5 80.6 120.8#

141 547.4 58.9 88.3#

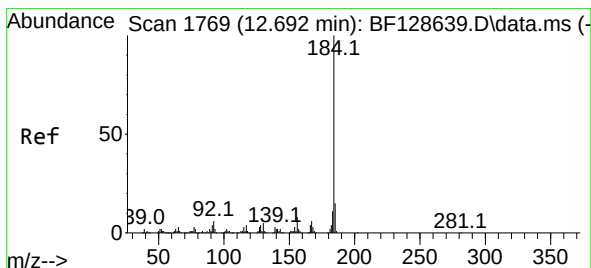
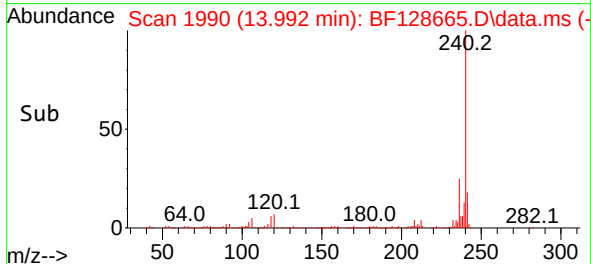
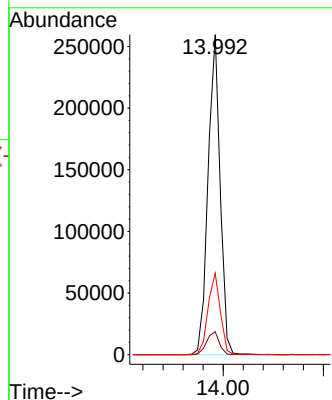
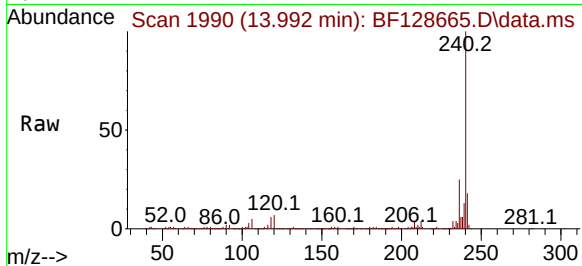




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

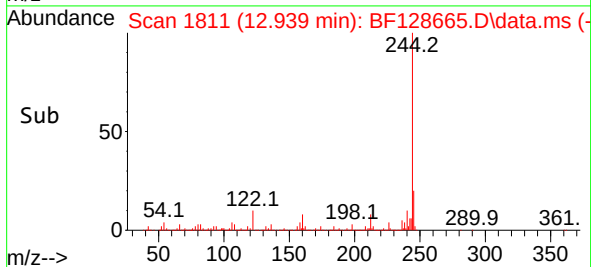
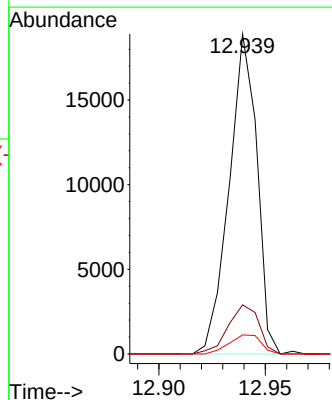
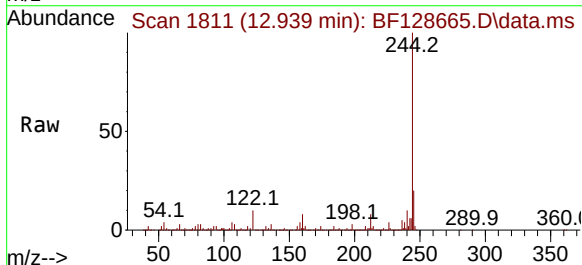
Instrument :
BNA_F
ClientSampleId :
P027-SS001-2430-01

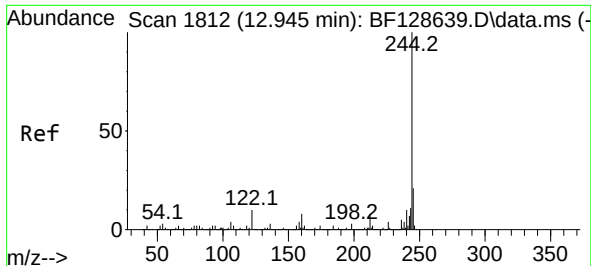
Tgt Ion:240 Resp: 218030
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3#
236 25.5 20.8 31.2



#77
Benzidine
Concen: 3.955 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

Tgt Ion:184 Resp: 17189
Ion Ratio Lower Upper
184 100
185 15.4 11.9 17.9
183 5.9 9.3 13.9#

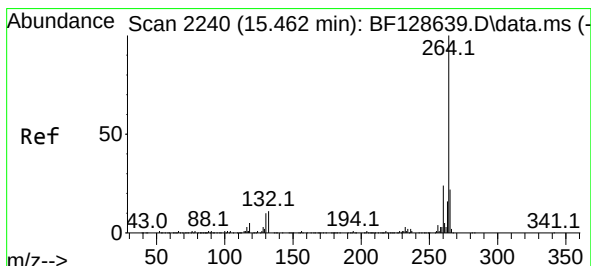
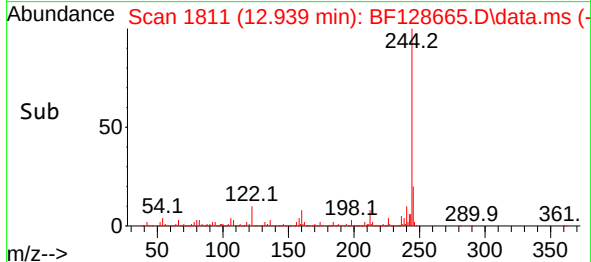
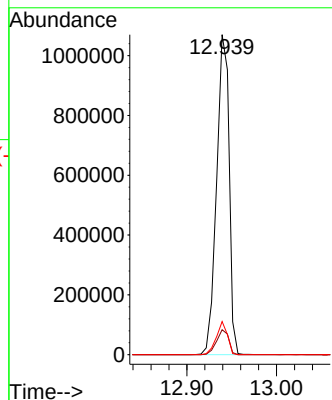
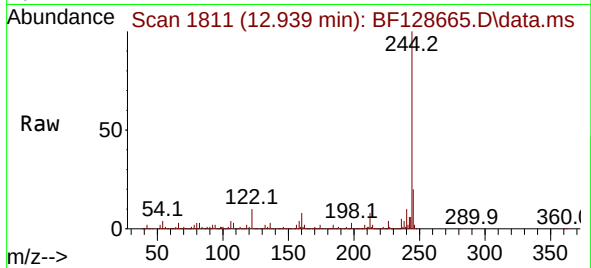




#79
Terphenyl-d14
Concen: 82.568 ng
RT: 12.939 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF128665.D
Acq: 03 Jun 2022 04:37

Instrument :
BNA_F
ClientSampleId :
P027-SS001-2430-01

Tgt Ion:244 Resp: 1036022
Ion Ratio Lower Upper
244 100
212 7.8 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: BF128665.D
Acq: 03 Jun 2022 04:37

Tgt Ion:264 Resp: 199489
Ion Ratio Lower Upper
264 100
260 25.0 18.4 27.6
265 20.5 17.2 25.8

