

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128678.D
 Acq On : 03 Jun 2022 14:16
 Operator : CG\JU
 Sample : N2988-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P015-SS002-0612-01

Quant Time: Jun 03 23:41:47 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)

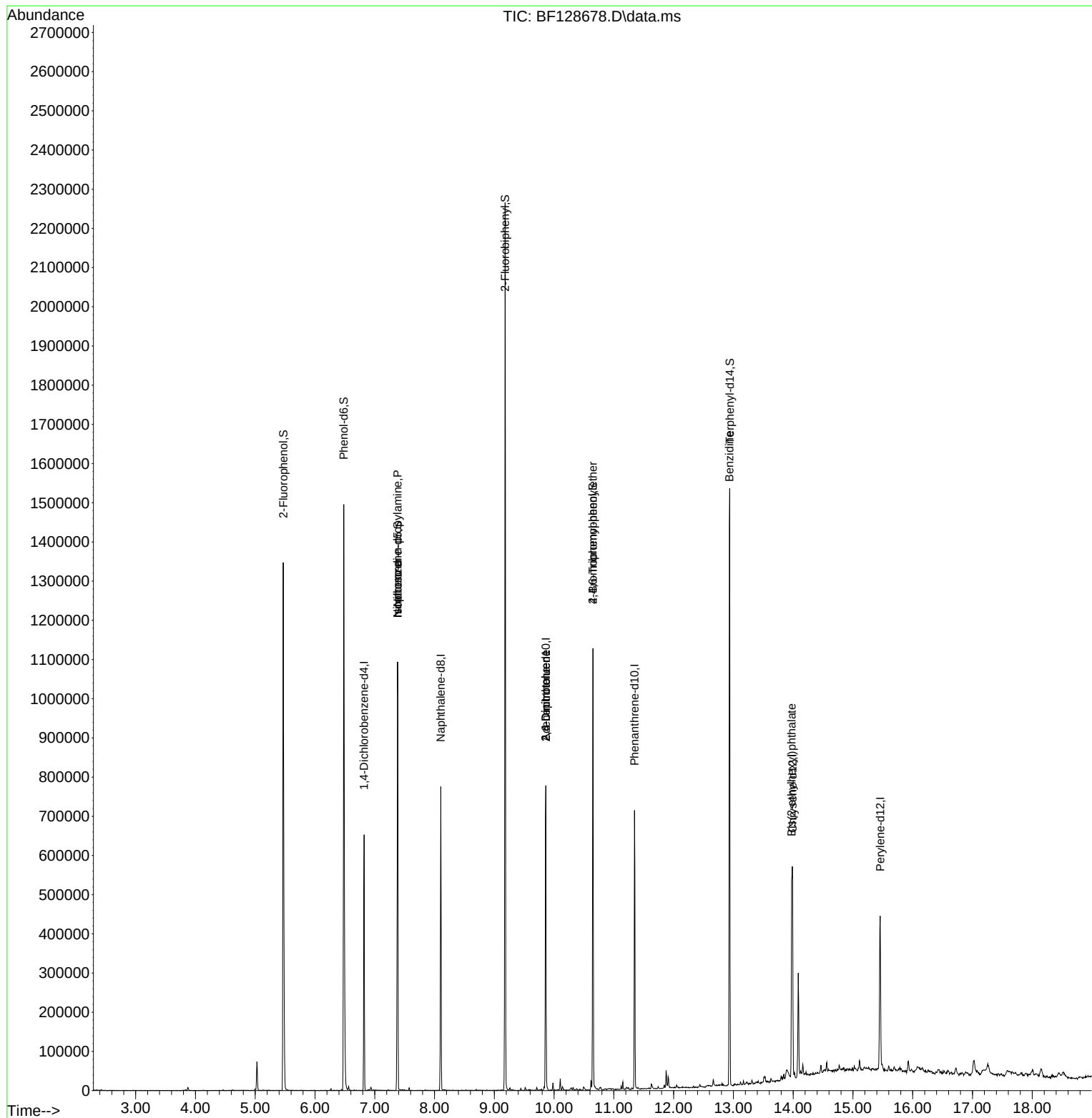
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	78045	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	289055	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	153890	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	242144	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	175578	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	178592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	335948	68.564	ng	0.00
7) Phenol-d6	6.481	99	434033	72.569	ng	-0.02
23) Nitrobenzene-d5	7.381	82	327334	52.724	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	108057	59.428	ng	-0.01
45) 2-Fluorobiphenyl	9.180	172	609763	55.504	ng	-0.01
79) Terphenyl-d14	12.939	244	499627	49.446	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	47699	12.827	ng	# 83
25) Isophorone	7.381	82	326405	34.616	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	19579	9.418	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	19579	7.057	ng	# 21
67) 4-Bromophenyl-phenylether	10.651	248	7240	2.681	ng	# 1
77) Benzidine	12.933	184	7754	2.215	ng	96
84) Bis(2-ethylhexyl)phtha...	13.974	149	116667	16.359	ng	97

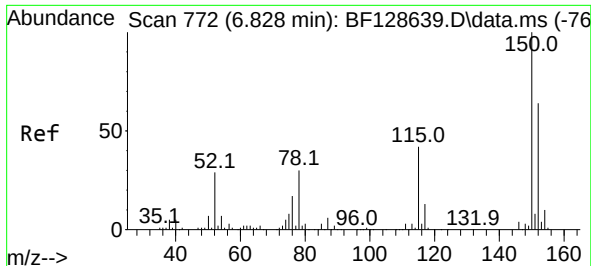
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
Data File : BF128678.D
Acq On : 03 Jun 2022 14:16
Operator : CG\JU
Sample : N2988-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P015-SS002-0612-01

Quant Time: Jun 03 23:41:47 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

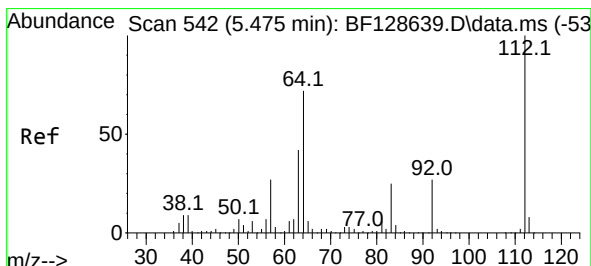
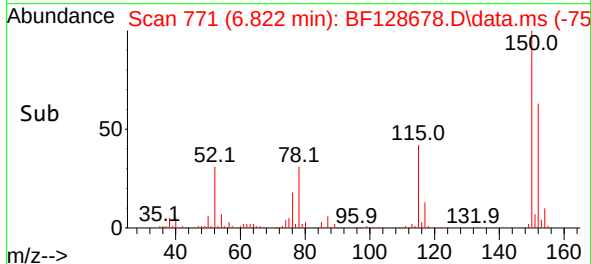
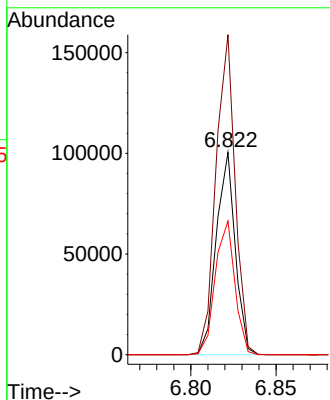
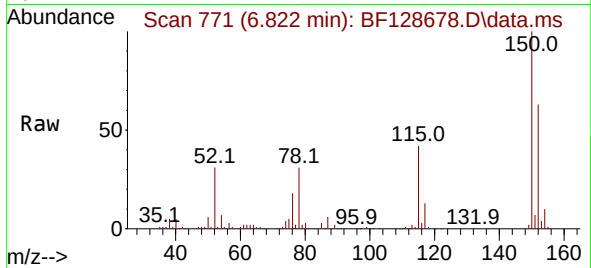




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128678.D
Acq: 03 Jun 2022 14:16

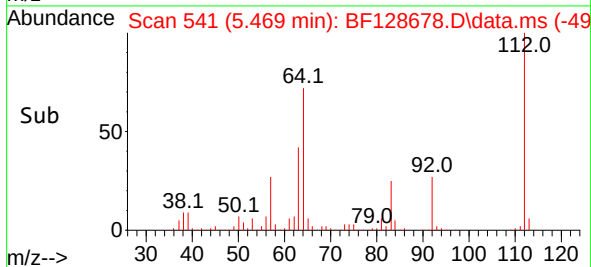
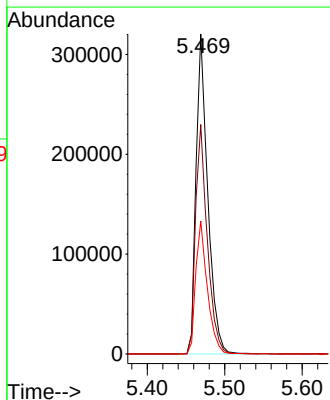
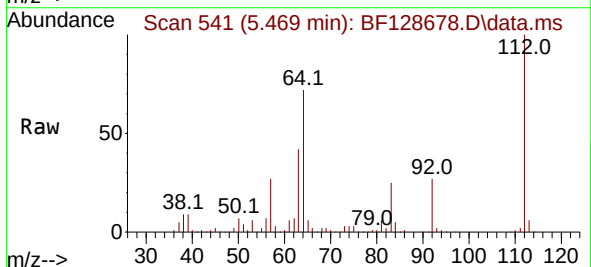
Instrument :
BNA_F
ClientSampleId :
P015-SS002-0612-01

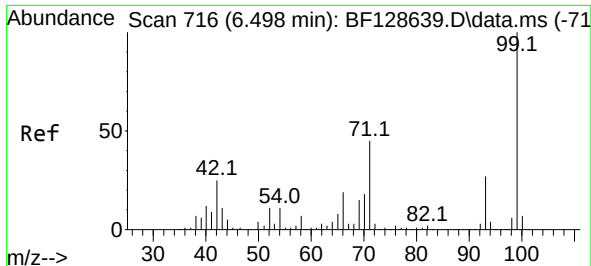
Tgt Ion:152 Resp: 78045
Ion Ratio Lower Upper
152 100
150 158.2 123.7 185.5
115 66.0 49.9 74.9



#5
2-Fluorophenol
Concen: 68.564 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.006 min
Lab File: BF128678.D
Acq: 03 Jun 2022 14:16

Tgt Ion:112 Resp: 335948
Ion Ratio Lower Upper
112 100
64 71.7 53.3 79.9
63 41.5 28.0 42.0

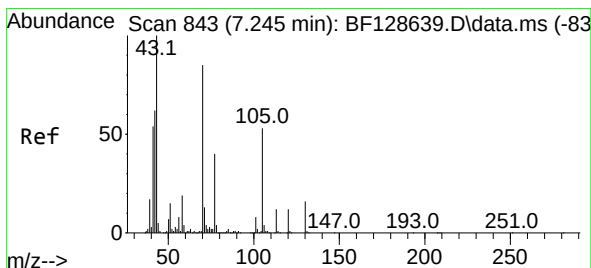
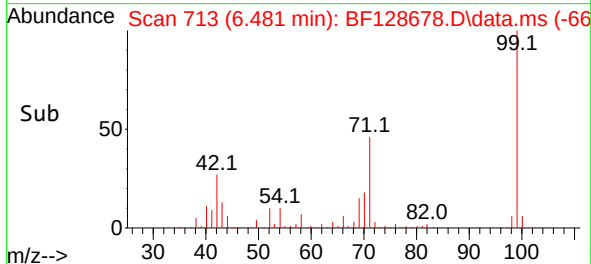
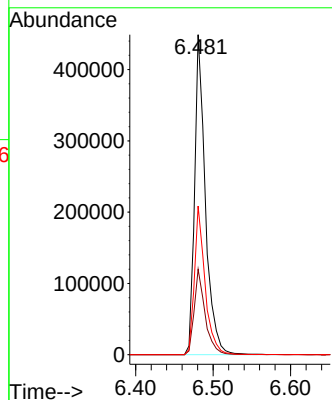
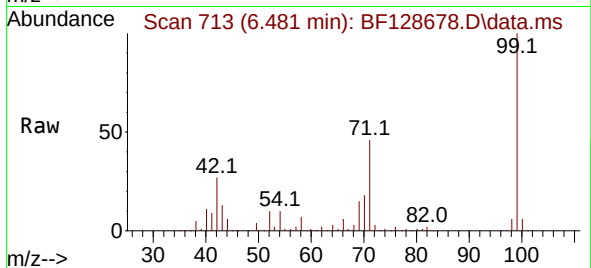




#7
Phenol-d6
Concen: 72.569 ng
RT: 6.481 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF128678.D
Acq: 03 Jun 2022 14:16

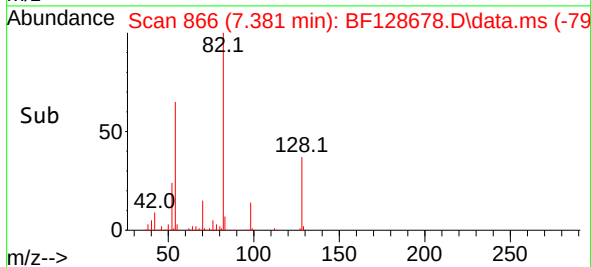
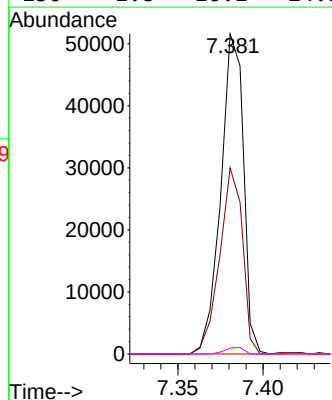
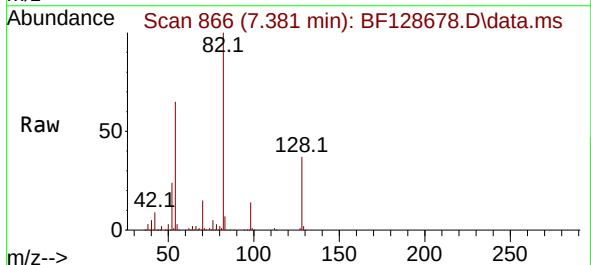
Instrument :
BNA_F
ClientSampleId :
P015-SS002-0612-01

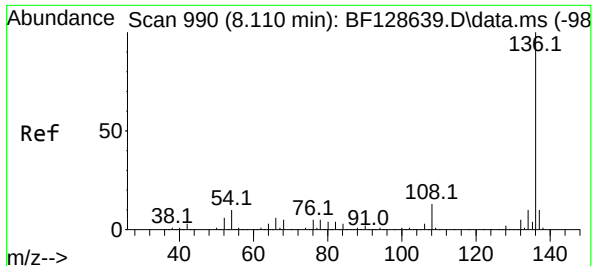
Tgt Ion: 99 Resp: 434033
Ion Ratio Lower Upper
99 100
42 26.7 17.3 25.9#
71 46.5 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 12.827 ng
RT: 7.381 min Scan# 866
Delta R.T. 0.135 min
Lab File: BF128678.D
Acq: 03 Jun 2022 14:16

Tgt Ion: 70 Resp: 47699
Ion Ratio Lower Upper
70 100
42 58.2 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

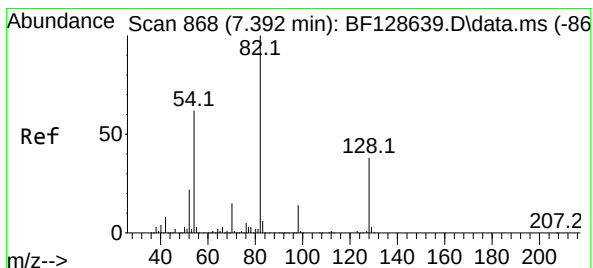
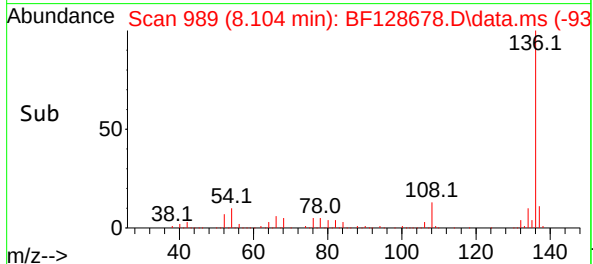
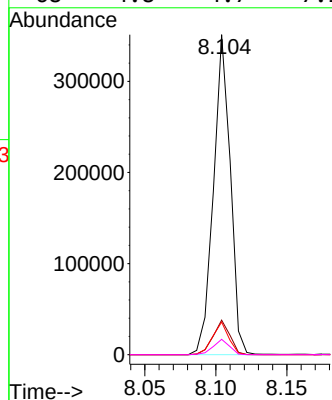
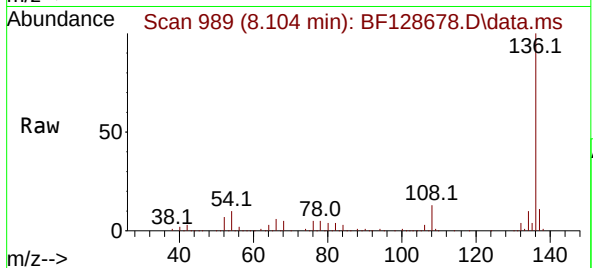




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF128678.D
Acq: 03 Jun 2022 14:16

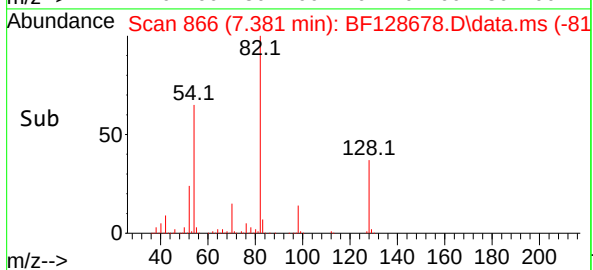
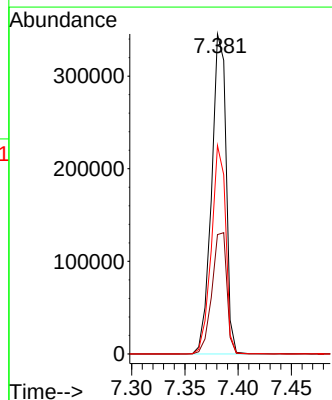
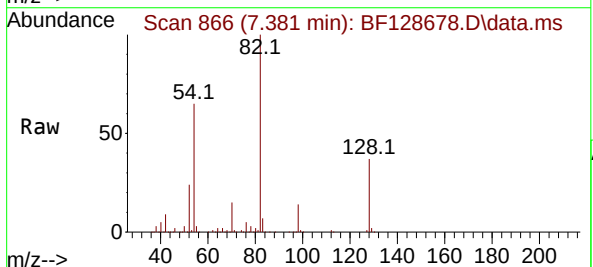
Instrument :
BNA_F
ClientSampleId :
P015-SS002-0612-01

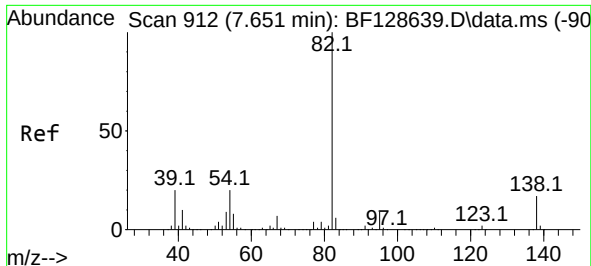
Tgt Ion:	136	Resp:	289055
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.8	13.2
54	10.2	7.5	11.3
68	4.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 52.724 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.011 min
Lab File: BF128678.D
Acq: 03 Jun 2022 14:16

Tgt Ion:	82	Resp:	327334
Ion Ratio	Lower	Upper	
82	100		
128	37.3	34.0	51.0
54	65.2	46.9	70.3

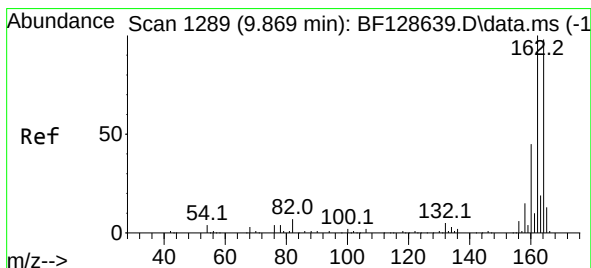
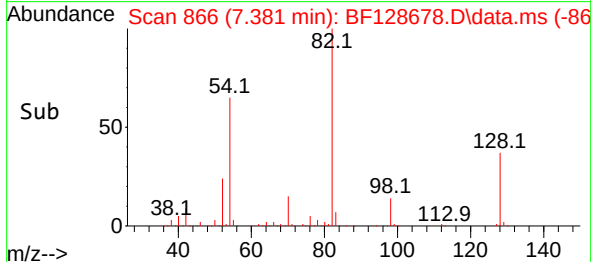
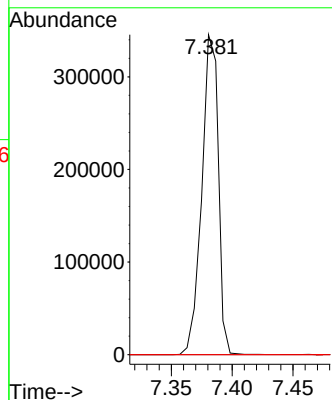
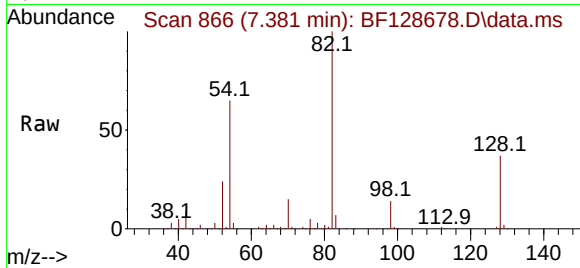




#25
Isophorone
Concen: 34.616 ng
RT: 7.381 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128678.D
Acq: 03 Jun 2022 14:16

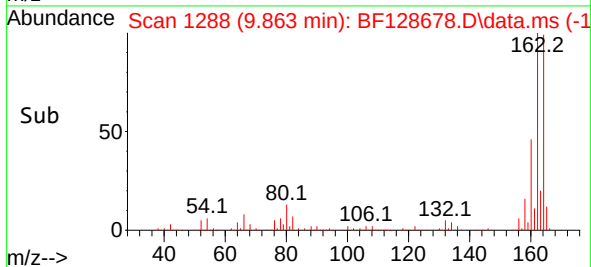
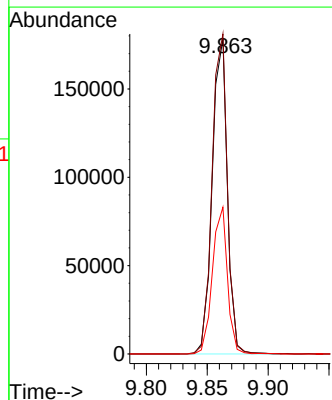
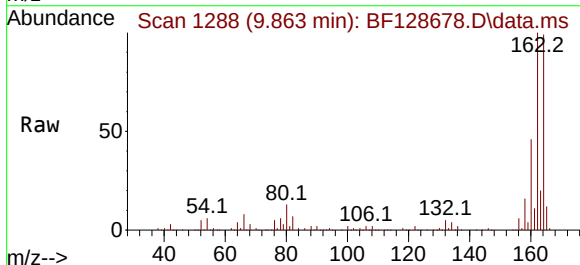
Instrument :
BNA_F
ClientSampleId :
P015-SS002-0612-01

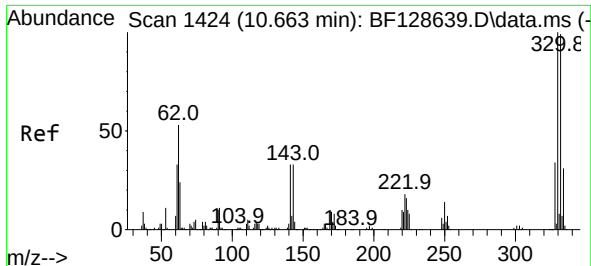
Tgt Ion: 82 Resp: 326405
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128678.D
Acq: 03 Jun 2022 14:16

Tgt Ion:164 Resp: 153890
Ion Ratio Lower Upper
164 100
162 101.5 79.5 119.3
160 46.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 59.428 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF128678.D

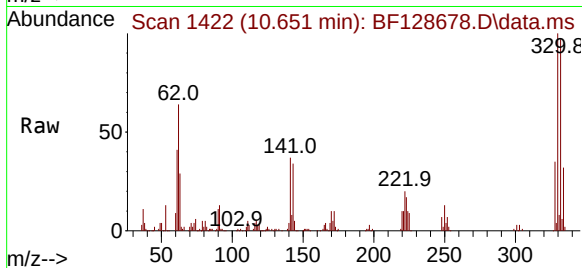
Acq: 03 Jun 2022 14:16

Instrument :

BNA_F

ClientSampleId :

P015-SS002-0612-01



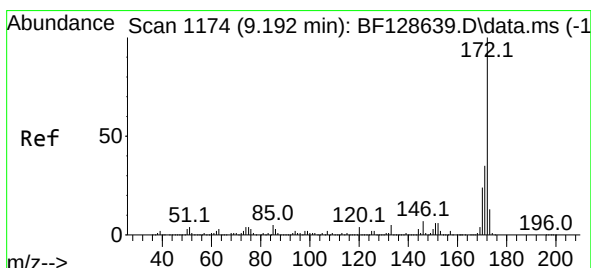
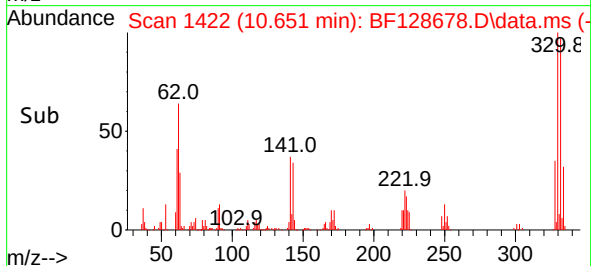
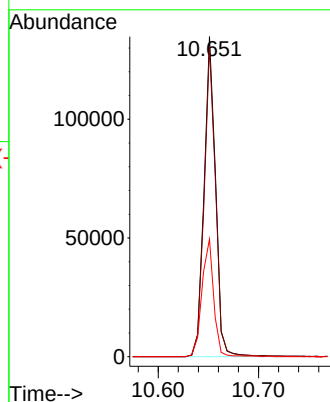
Tgt Ion:330 Resp: 108057

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 37.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 55.504 ng

RT: 9.180 min Scan# 1172

Delta R.T. -0.012 min

Lab File: BF128678.D

Acq: 03 Jun 2022 14:16

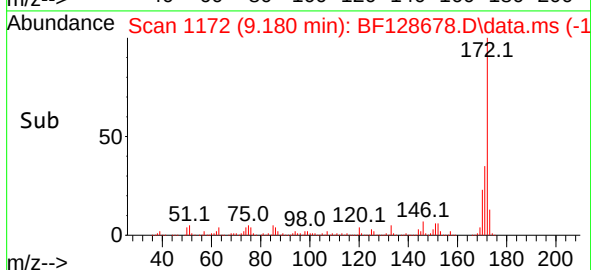
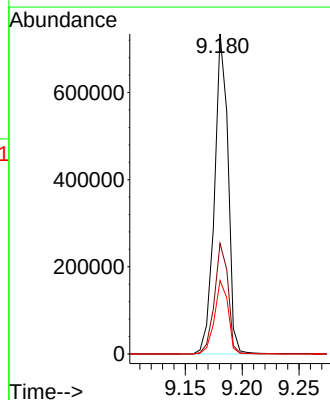
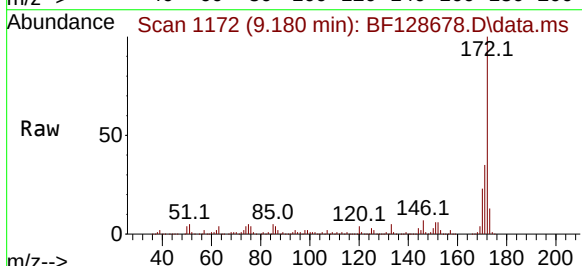
Tgt Ion:172 Resp: 609763

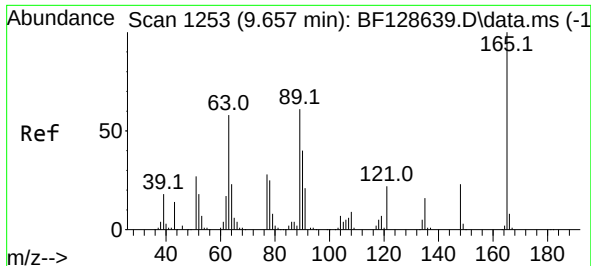
Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

170 22.9 19.8 29.8

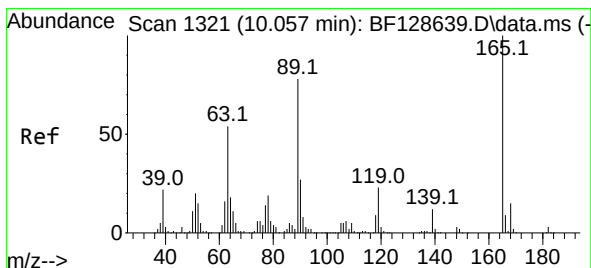
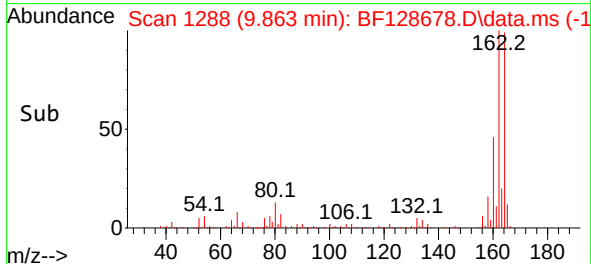
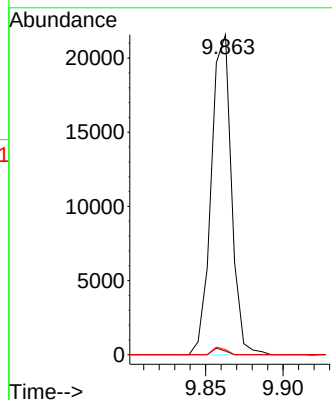
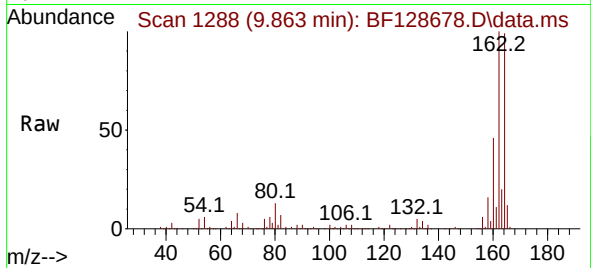




#51
2,6-Dinitrotoluene
Concen: 9.418 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128678.D
Acq: 03 Jun 2022 14:16

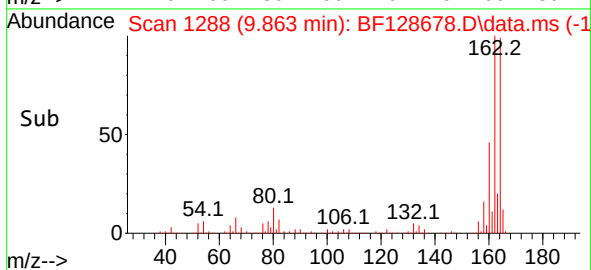
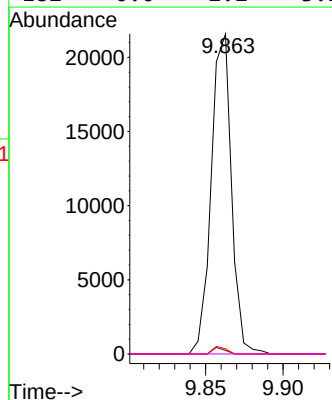
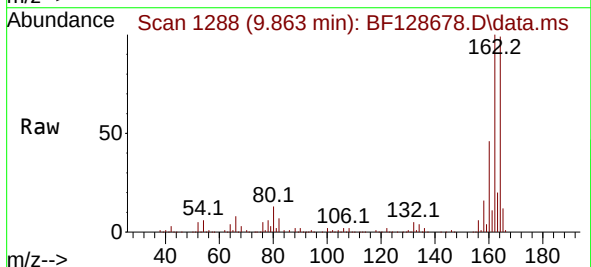
Instrument :
BNA_F
ClientSampleId :
P015-SS002-0612-01

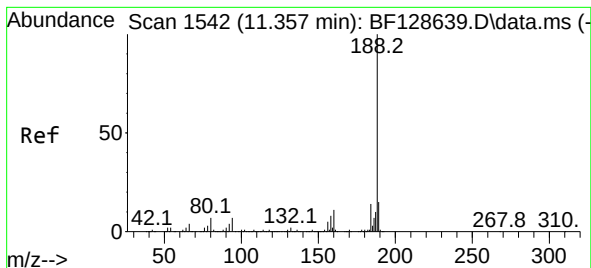
Tgt Ion:165 Resp: 19579
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.6 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.057 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128678.D
Acq: 03 Jun 2022 14:16

Tgt Ion:165 Resp: 19579
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128678.D

Acq: 03 Jun 2022 14:16

Instrument :

BNA_F

ClientSampleId :

P015-SS002-0612-01

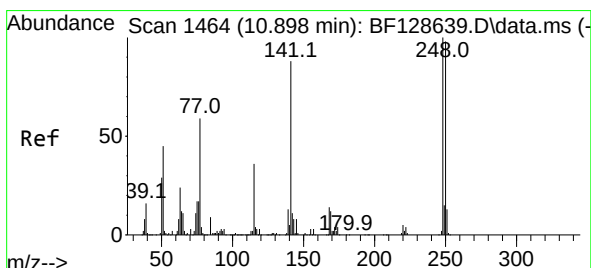
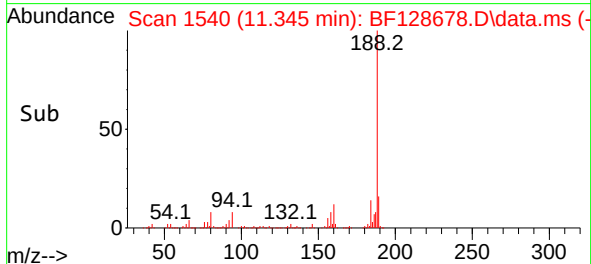
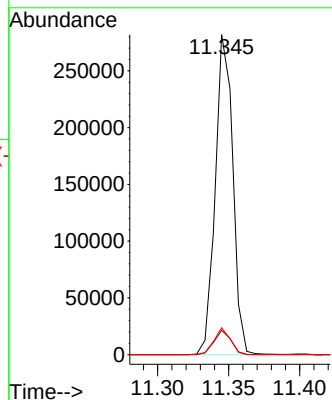
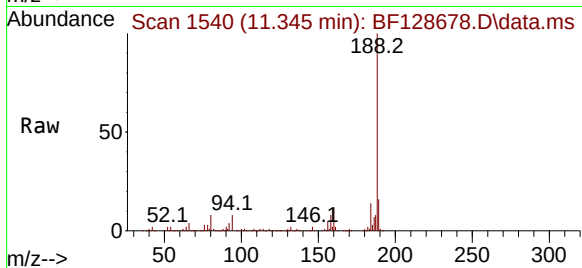
Tgt Ion:188 Resp: 242144

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.6

80 8.4 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 2.681 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.247 min

Lab File: BF128678.D

Acq: 03 Jun 2022 14:16

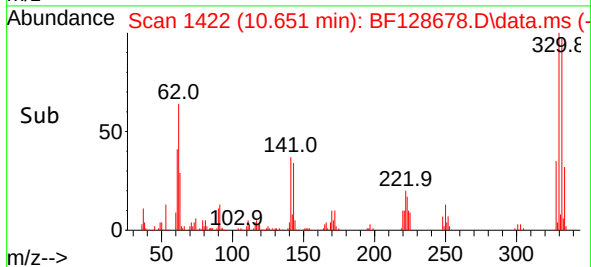
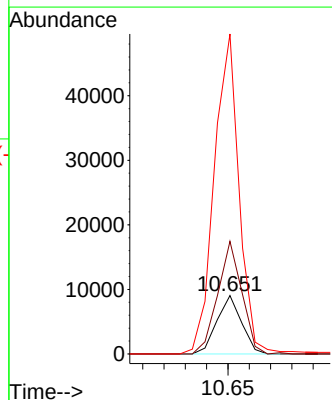
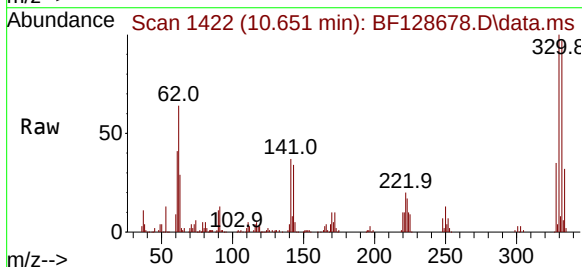
Tgt Ion:248 Resp: 7240

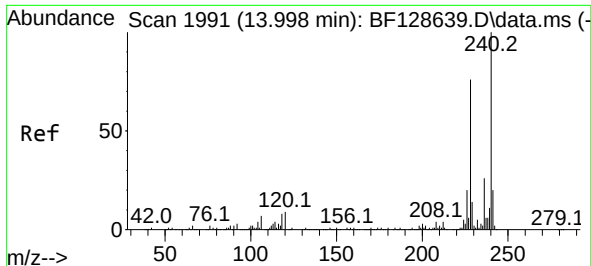
Ion Ratio Lower Upper

248 100

250 193.1 80.6 120.8#

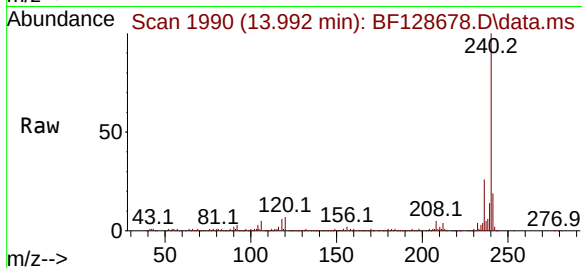
141 548.4 58.9 88.3#



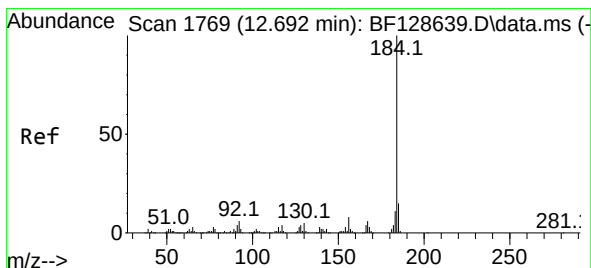
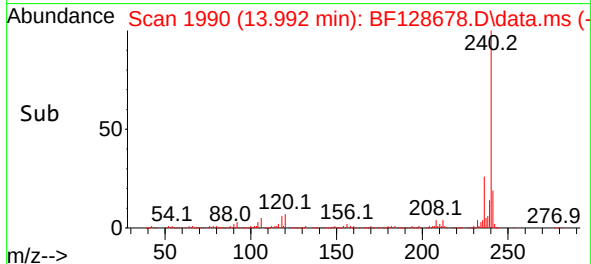
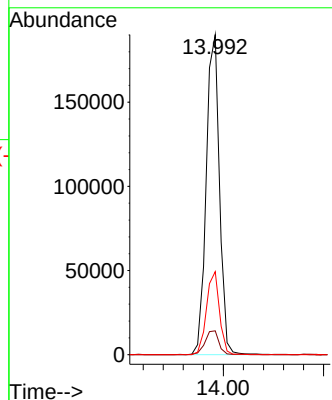


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BF128678.D
Acq: 03 Jun 2022 14:16

Instrument :
BNA_F
ClientSampleId :
P015-SS002-0612-01

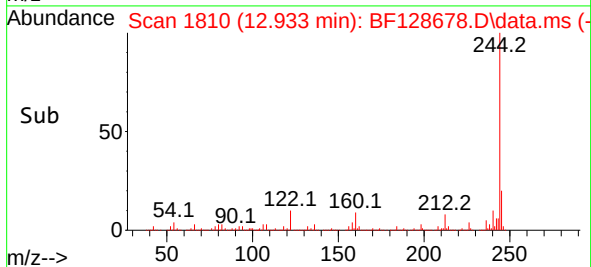
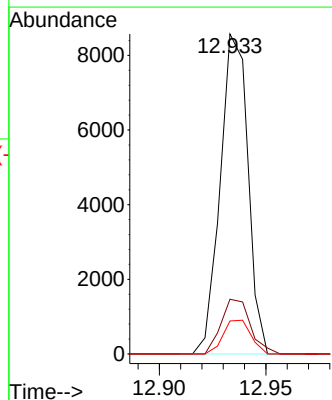
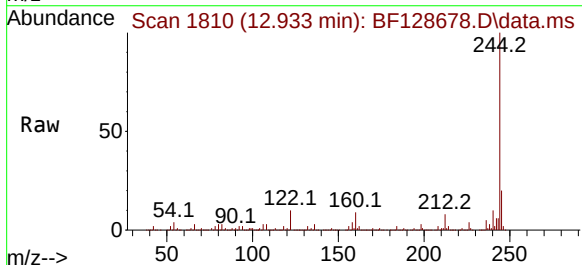


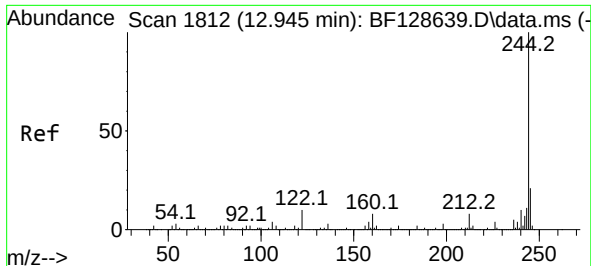
Tgt Ion:240 Resp: 175578
Ion Ratio Lower Upper
240 100
120 7.4 8.9 13.3#
236 26.0 20.8 31.2



#77
Benzidine
Concen: 2.215 ng
RT: 12.933 min Scan# 1810
Delta R.T. 0.241 min
Lab File: BF128678.D
Acq: 03 Jun 2022 14:16

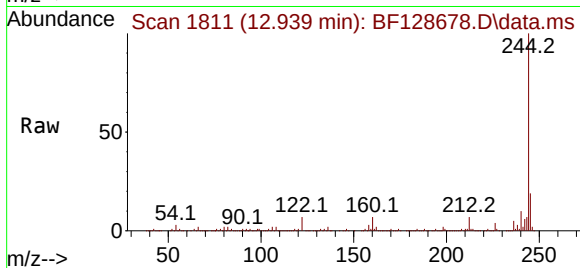
Tgt Ion:184 Resp: 7754
Ion Ratio Lower Upper
184 100
185 17.1 11.9 17.9
183 10.3 9.3 13.9



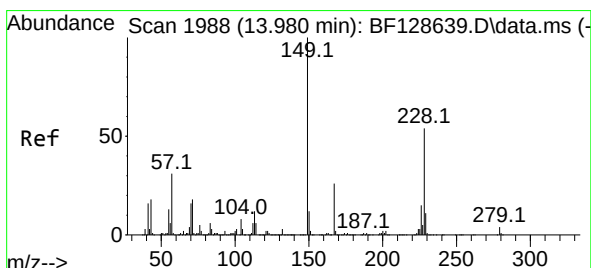
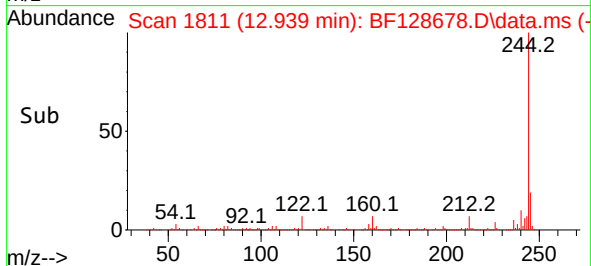
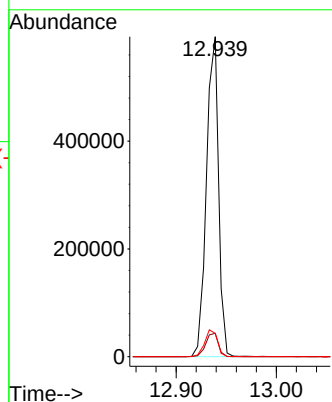


#79
 Terphenyl-d14
 Concen: 49.446 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF128678.D
 Acq: 03 Jun 2022 14:16

Instrument :
 BNA_F
 ClientSampleId :
 P015-SS002-0612-01

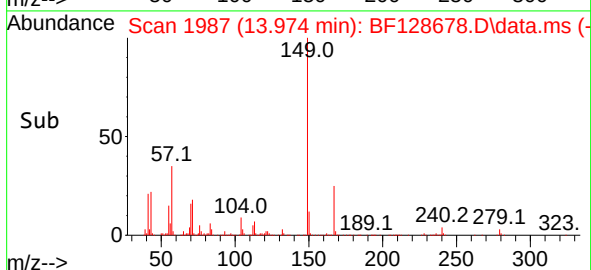
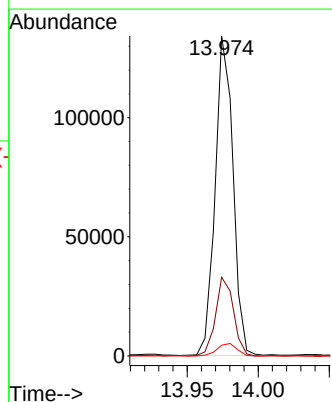
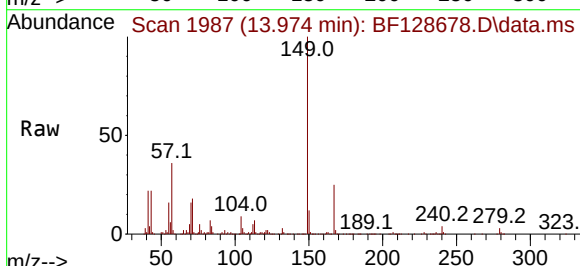


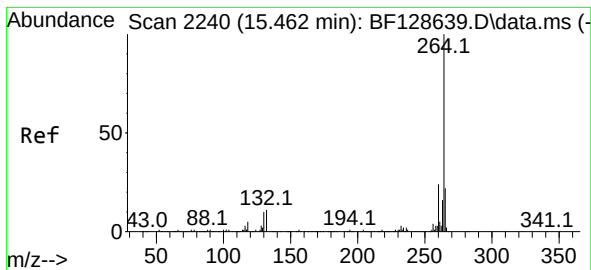
Tgt Ion:244 Resp: 499627
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 7.2 8.8 13.2#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 16.359 ng
 RT: 13.974 min Scan# 1987
 Delta R.T. -0.006 min
 Lab File: BF128678.D
 Acq: 03 Jun 2022 14:16

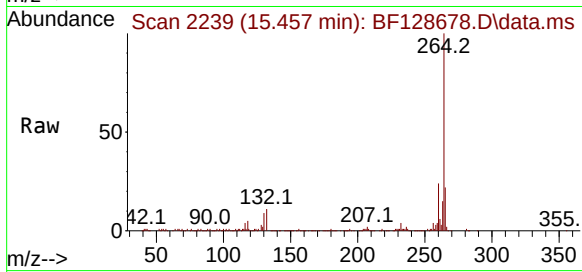
Tgt Ion:149 Resp: 116667
 Ion Ratio Lower Upper
 149 100
 167 24.6 21.0 31.4
 279 3.4 3.1 4.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BF128678.D
 Acq: 03 Jun 2022 14:16

Instrument :
 BNA_F
 ClientSampleId :
 P015-SS002-0612-01



Tgt Ion:264 Resp: 178592
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.7 17.2 25.8

