

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128903.D
 Acq On : 21 Jun 2022 18:02
 Operator : CG\JU
 Sample : N3421-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-23-25-20220620

Quant Time: Jun 22 01:52:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

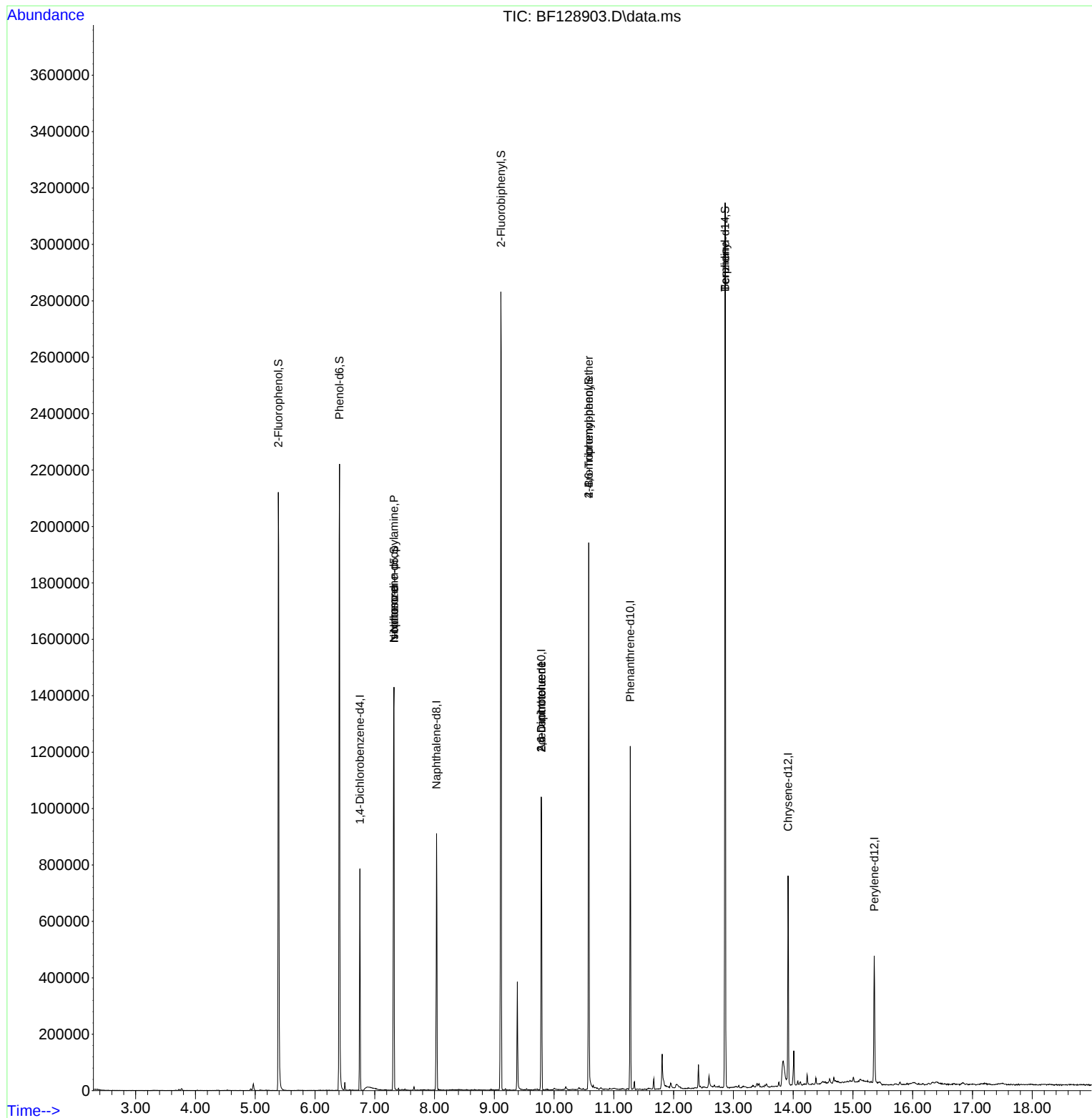
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	96152	20.00	ng	0.00
21) Naphthalene-d8	8.034	136	370951	20.00	ng	0.00
39) Acenaphthene-d10	9.786	164	211043	20.00	ng	0.00
64) Phenanthrene-d10	11.275	188	399425	20.00	ng	0.00
76) Chrysene-d12	13.916	240	241488	20.00	ng	#-0.01
86) Perylene-d12	15.357	264	191049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	526177	87.17	ng	0.00
7) Phenol-d6	6.410	99	669175	90.81	ng	0.00
23) Nitrobenzene-d5	7.322	82	472057	59.25	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	213511	85.62	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	912590	60.57	ng	0.00
79) Terphenyl-d14	12.863	244	1047443	75.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	66528	14.52	ng	# 76
25) Isophorone	7.322	82	470648	38.89	ng	# 65
51) 2,6-Dinitrotoluene	9.786	165	27456	9.63	ng	# 26
57) 2,4-Dinitrotoluene	9.786	165	27456	7.22	ng	# 21
67) 4-Bromophenyl-phenylether	10.580	248	13292	2.98	ng	# 1
77) Benzidine	12.863	184	15349	3.19	ng	# 89

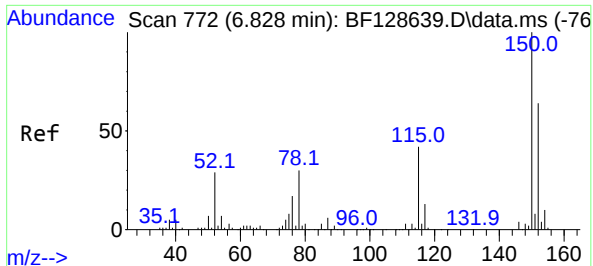
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128903.D
Acq On : 21 Jun 2022 18:02
Operator : CG\JU
Sample : N3421-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3-23-25-20220620

Quant Time: Jun 22 01:52:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:02:29 2022
Response via : Initial Calibration

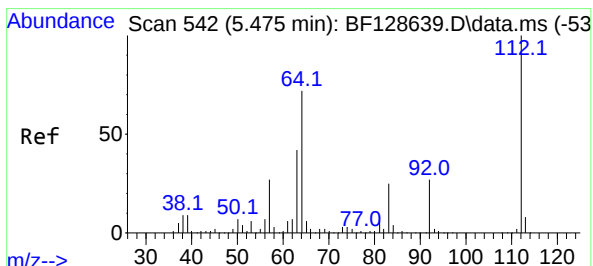
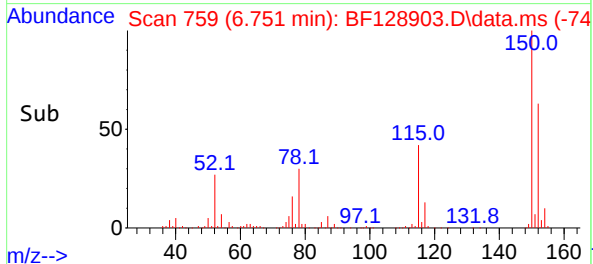
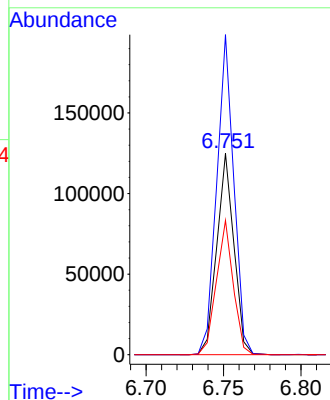
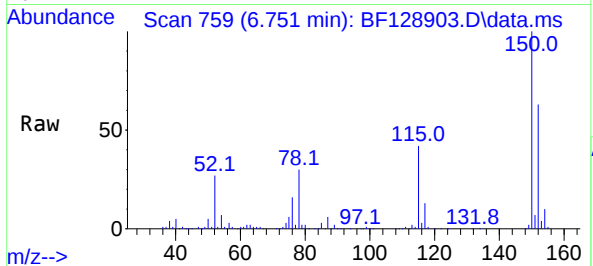




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128903.D
Acq: 21 Jun 2022 18:02

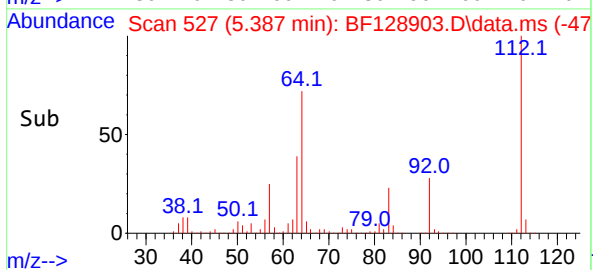
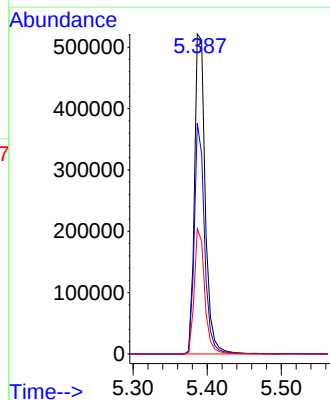
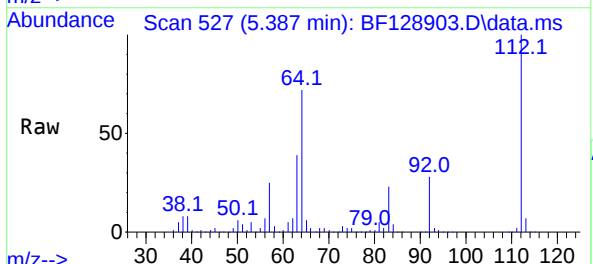
Instrument :
BNA_F
ClientSampleId :
SB-3-23-25-20220620

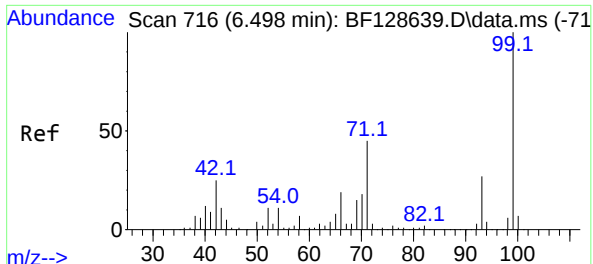
Tgt Ion:152 Resp: 96152
Ion Ratio Lower Upper
152 100
150 158.9 123.7 185.5
115 66.7 49.9 74.9



#5
2-Fluorophenol
Concen: 87.17 ng
RT: 5.387 min Scan# 527
Delta R.T. 0.000 min
Lab File: BF128903.D
Acq: 21 Jun 2022 18:02

Tgt Ion:112 Resp: 526177
Ion Ratio Lower Upper
112 100
64 72.1 53.3 79.9
63 39.1 28.0 42.0

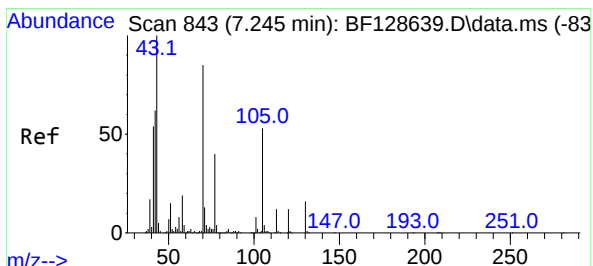
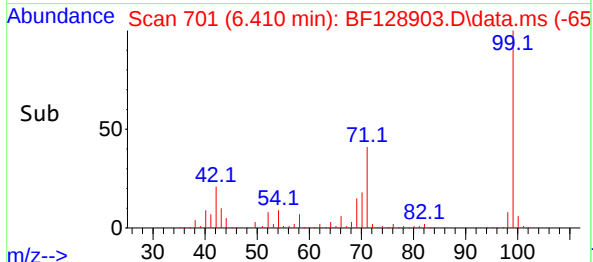
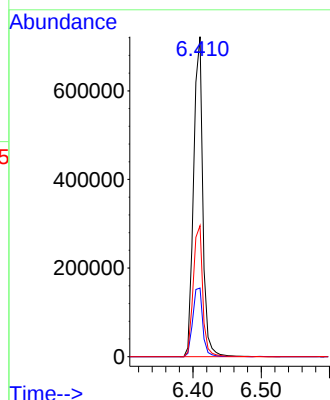
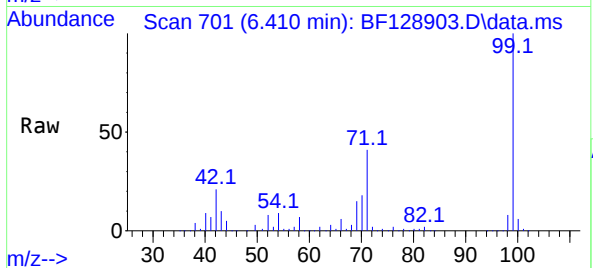




#7
Phenol-d6
Concen: 90.81 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF128903.D
Acq: 21 Jun 2022 18:02

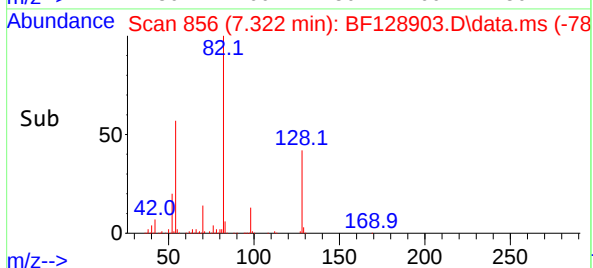
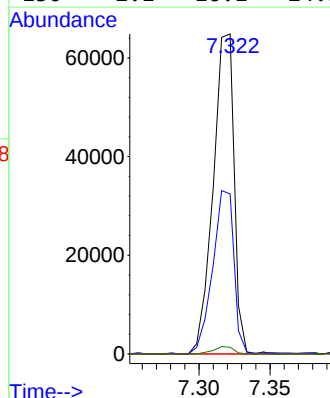
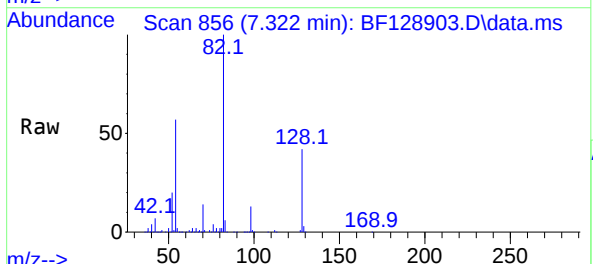
Instrument :
BNA_F
ClientSampleId :
SB-3-23-25-20220620

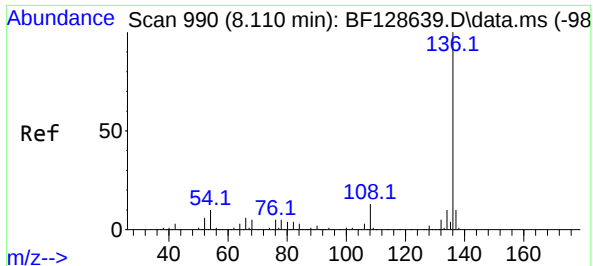
Tgt Ion: 99 Resp: 669175
Ion Ratio Lower Upper
99 100
42 21.5 17.3 25.9
71 40.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.52 ng
RT: 7.322 min Scan# 856
Delta R.T. 0.141 min
Lab File: BF128903.D
Acq: 21 Jun 2022 18:02

Tgt Ion: 70 Resp: 66528
Ion Ratio Lower Upper
70 100
42 50.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.034 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128903.D

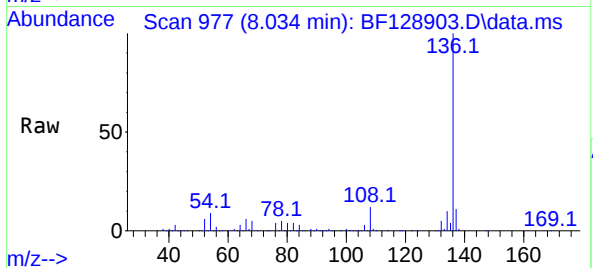
Acq: 21 Jun 2022 18:02

Instrument :

BNA_F

ClientSampleId :

SB-3-23-25-20220620



Tgt Ion:136 Resp: 370951

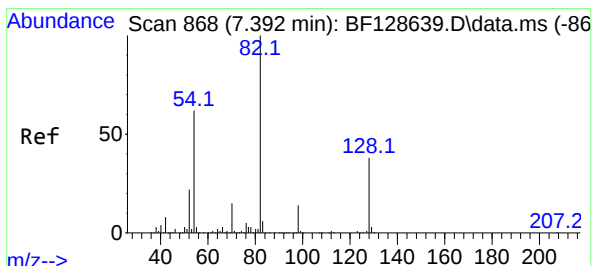
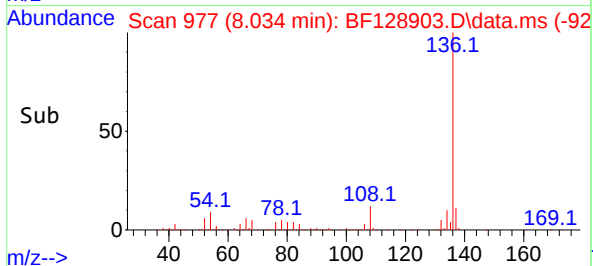
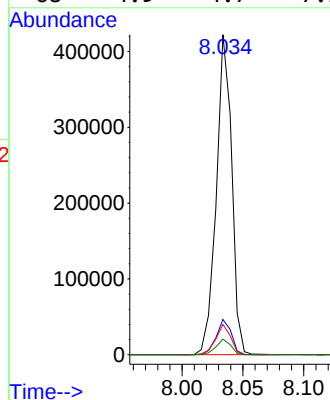
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.4 7.5 11.3

68 4.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 59.25 ng

RT: 7.322 min Scan# 856

Delta R.T. -0.006 min

Lab File: BF128903.D

Acq: 21 Jun 2022 18:02

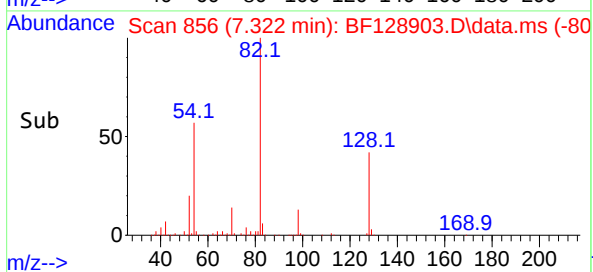
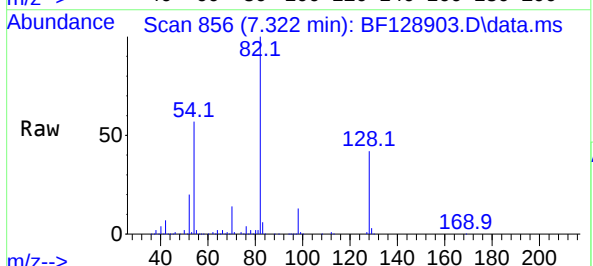
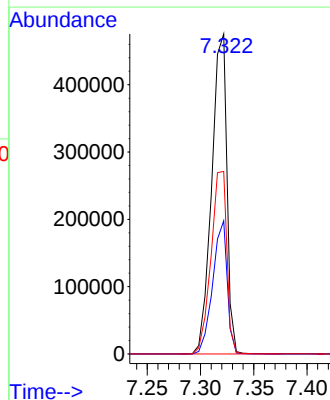
Tgt Ion: 82 Resp: 472057

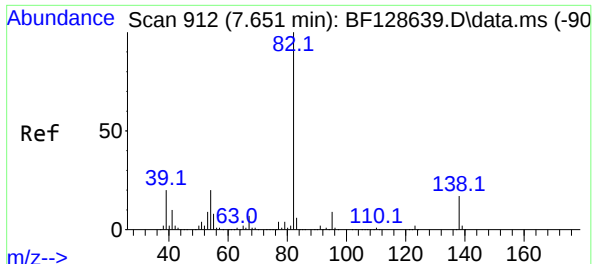
Ion Ratio Lower Upper

82 100

128 41.6 34.0 51.0

54 57.0 46.9 70.3

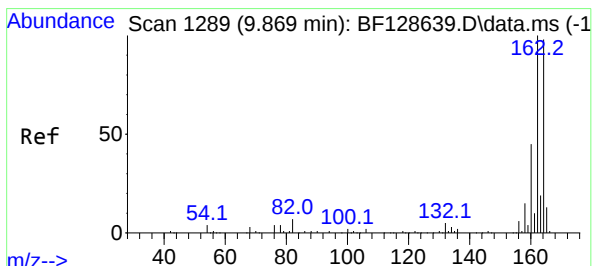
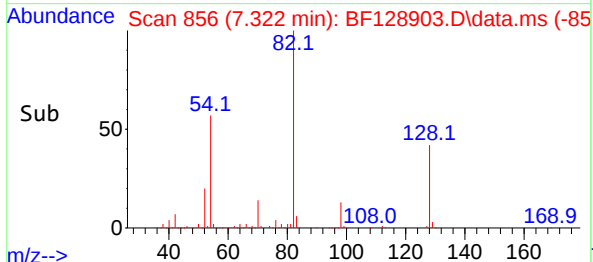
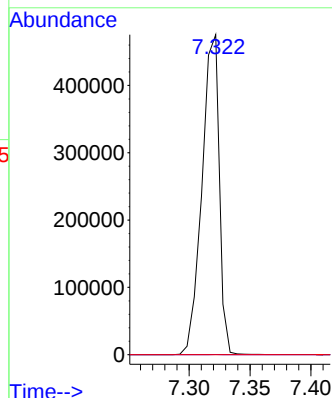
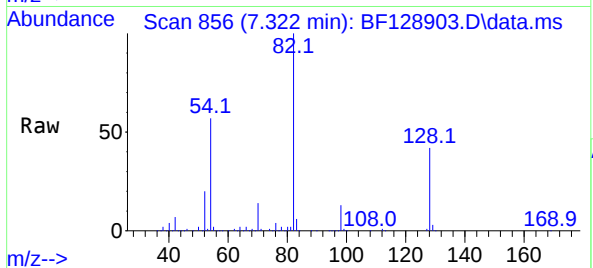




#25
Isophorone
Concen: 38.89 ng
RT: 7.322 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128903.D
Acq: 21 Jun 2022 18:02

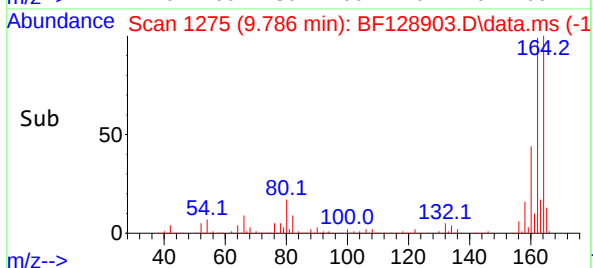
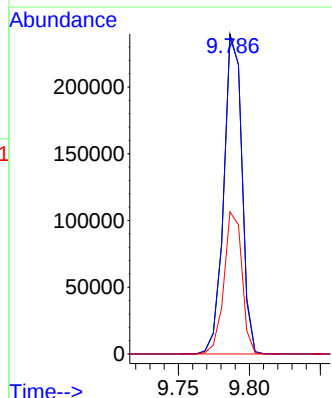
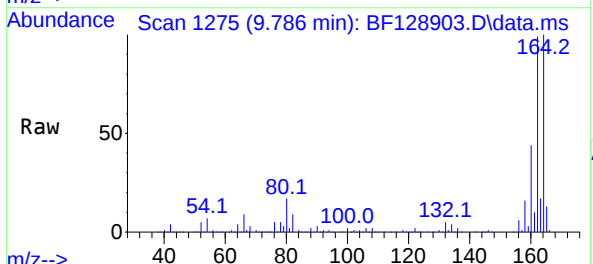
Instrument :
BNA_F
ClientSampleId :
SB-3-23-25-20220620

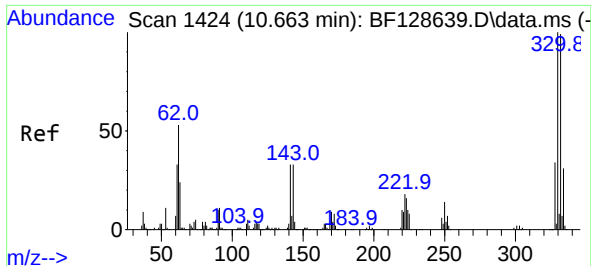
Tgt Ion: 82 Resp: 470648
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF128903.D
Acq: 21 Jun 2022 18:02

Tgt Ion:164 Resp: 211043
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 44.4 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 85.62 ng

RT: 10.580 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF128903.D

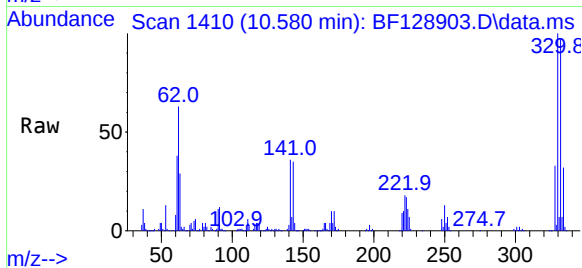
Acq: 21 Jun 2022 18:02

Instrument :

BNA_F

ClientSampleId :

SB-3-23-25-20220620



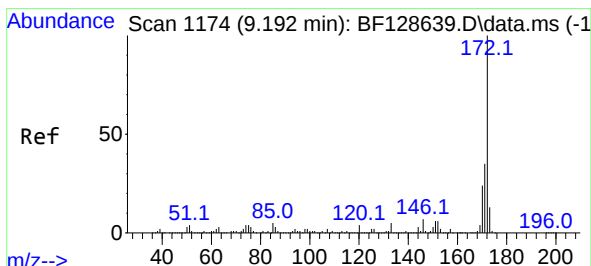
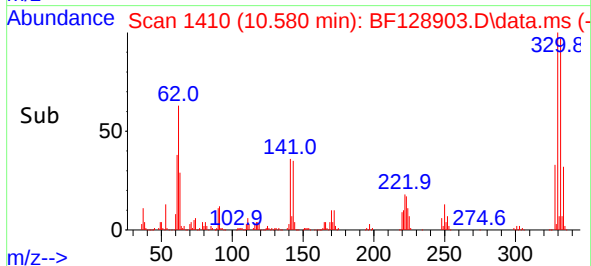
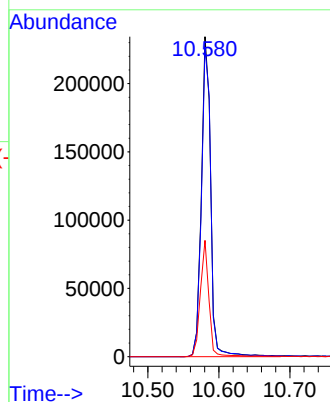
Tgt Ion:330 Resp: 213511

Ion Ratio Lower Upper

330 100

332 98.1 76.8 115.2

141 33.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 60.57 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128903.D

Acq: 21 Jun 2022 18:02

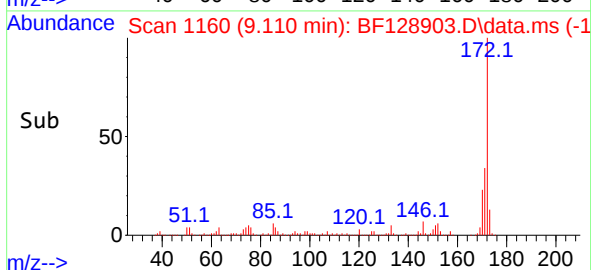
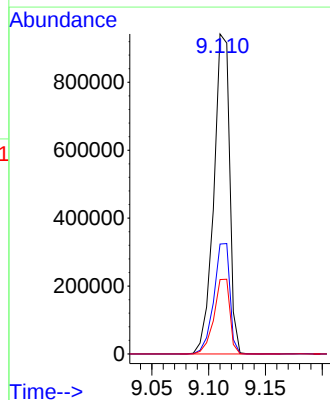
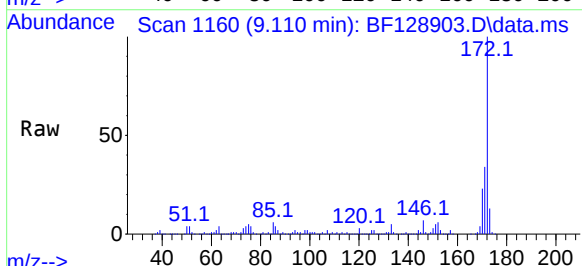
Tgt Ion:172 Resp: 912590

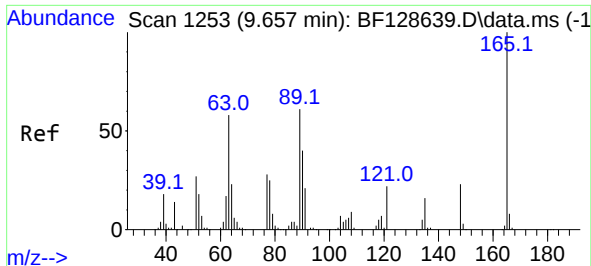
Ion Ratio Lower Upper

172 100

171 34.3 28.8 43.2

170 23.3 19.8 29.8

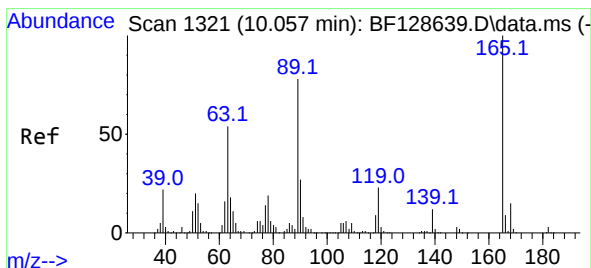
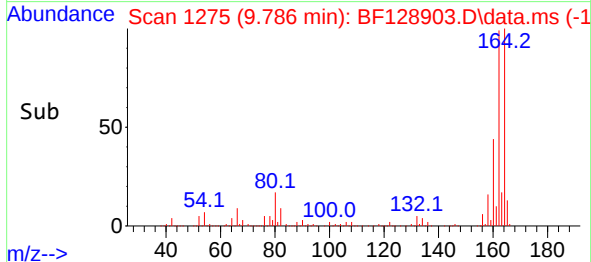
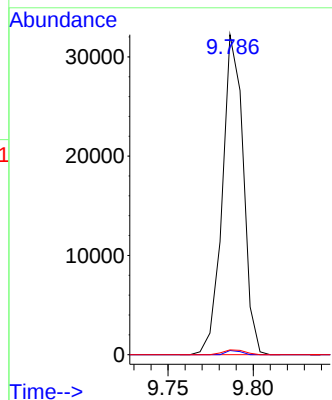
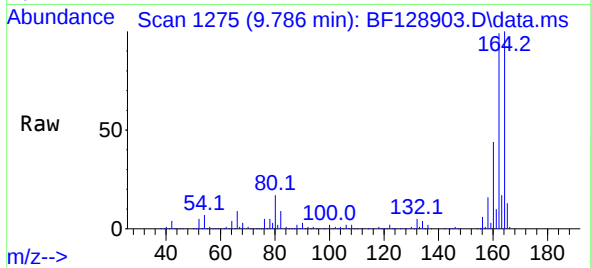




#51
2,6-Dinitrotoluene
Concen: 9.63 ng
RT: 9.786 min Scan# 1275
Delta R.T. 0.200 min
Lab File: BF128903.D
Acq: 21 Jun 2022 18:02

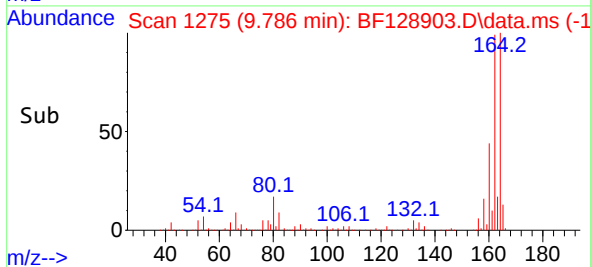
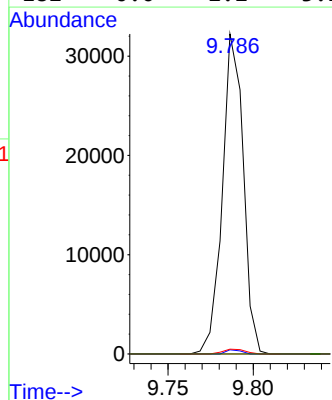
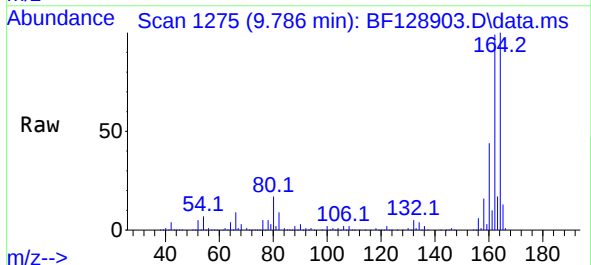
Instrument :
BNA_F
ClientSampleId :
SB-3-23-25-20220620

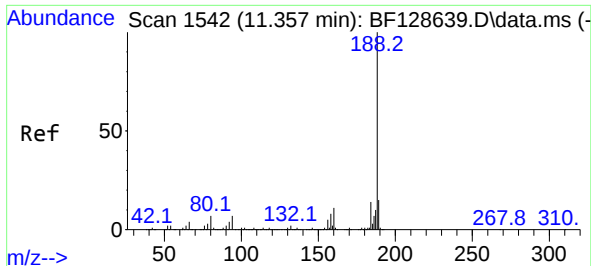
Tgt Ion:165 Resp: 27456
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.22 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.206 min
Lab File: BF128903.D
Acq: 21 Jun 2022 18:02

Tgt Ion:165 Resp: 27456
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#

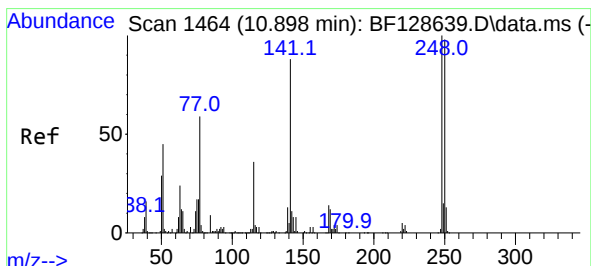
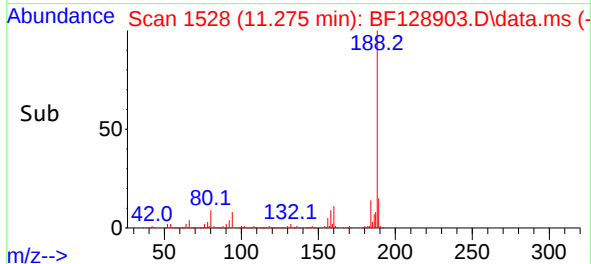
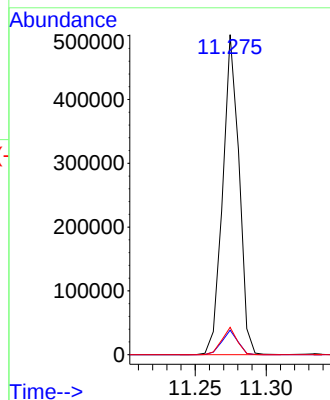
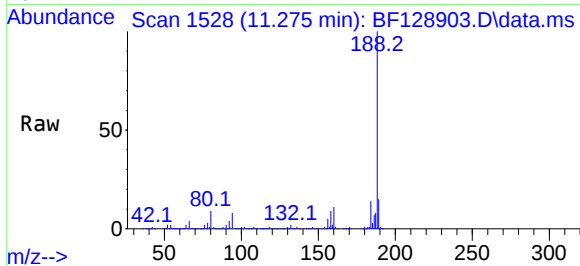




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128903.D
Acq: 21 Jun 2022 18:02

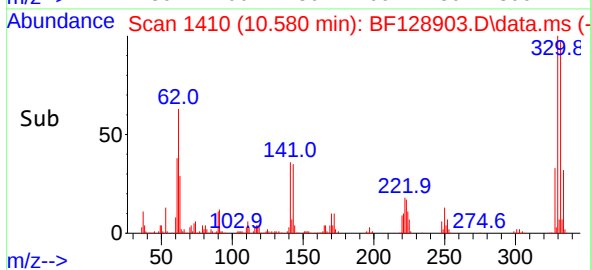
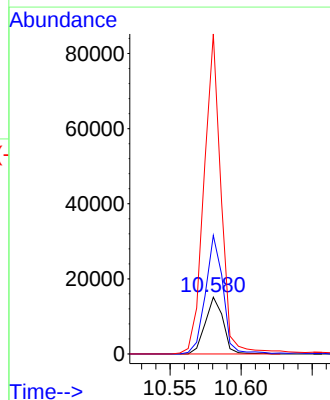
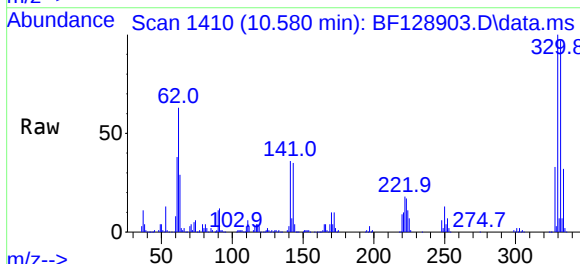
Instrument :
BNA_F
ClientSampleId :
SB-3-23-25-20220620

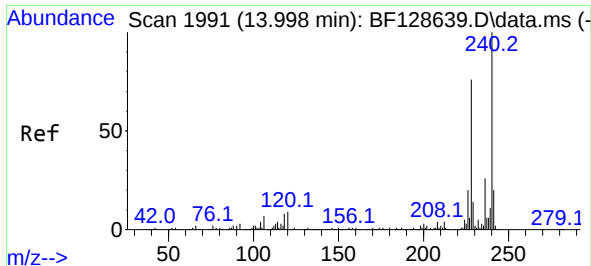
Tgt Ion:188 Resp: 399425
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 8.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.98 ng
RT: 10.580 min Scan# 1410
Delta R.T. -0.247 min
Lab File: BF128903.D
Acq: 21 Jun 2022 18:02

Tgt Ion:248 Resp: 13292
Ion Ratio Lower Upper
248 100
250 208.8 80.6 120.8#
141 563.8 58.9 88.3#

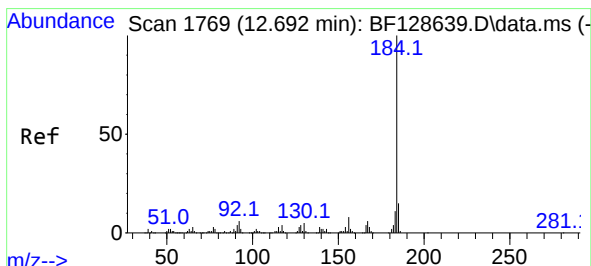
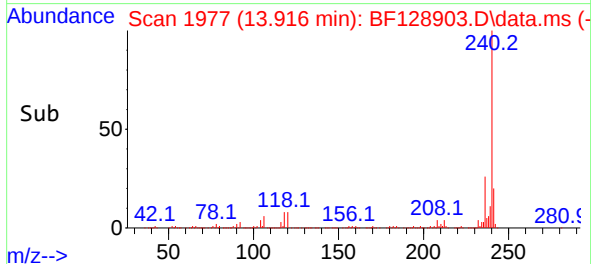
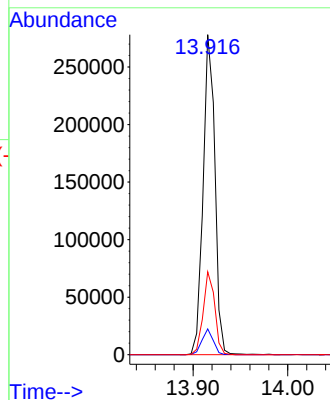
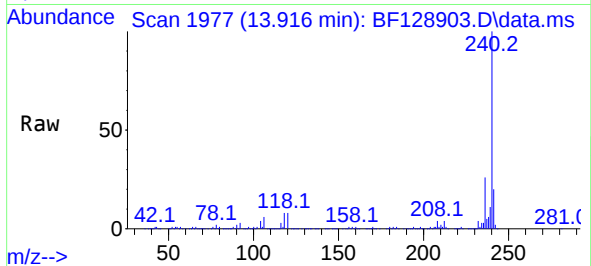




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.916 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128903.D
Acq: 21 Jun 2022 18:02

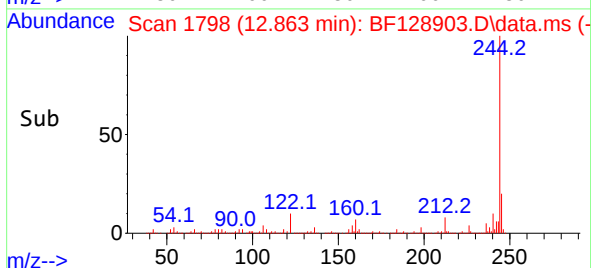
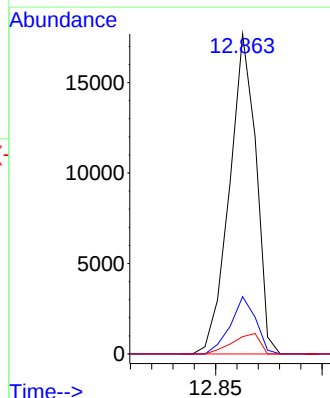
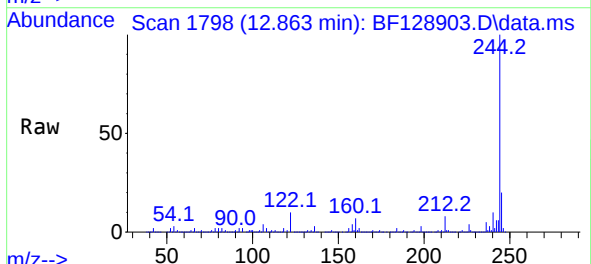
Instrument :
BNA_F
ClientSampleId :
SB-3-23-25-20220620

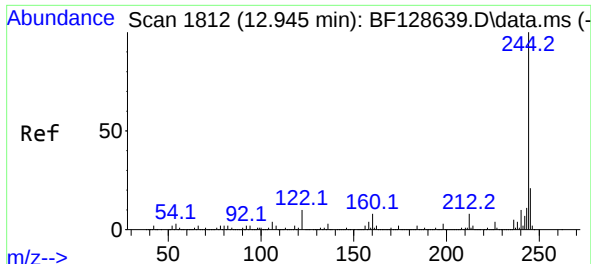
Tgt Ion:240 Resp: 241488
Ion Ratio Lower Upper
240 100
120 8.0 8.9 13.3#
236 25.9 20.8 31.2



#77
Benzidine
Concen: 3.19 ng
RT: 12.863 min Scan# 1798
Delta R.T. 0.247 min
Lab File: BF128903.D
Acq: 21 Jun 2022 18:02

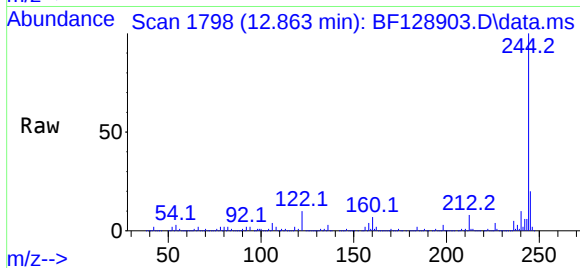
Tgt Ion:184 Resp: 15349
Ion Ratio Lower Upper
184 100
185 17.9 11.9 17.9#
183 5.4 9.3 13.9#





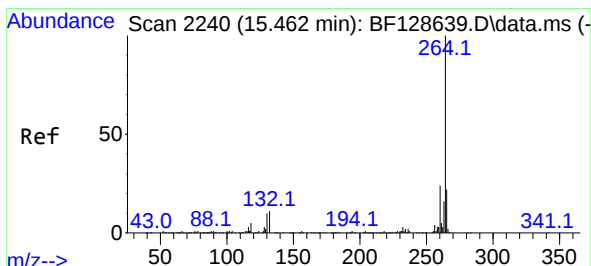
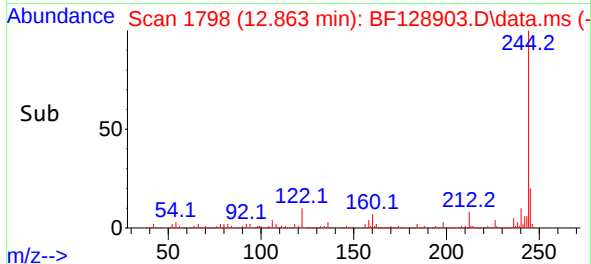
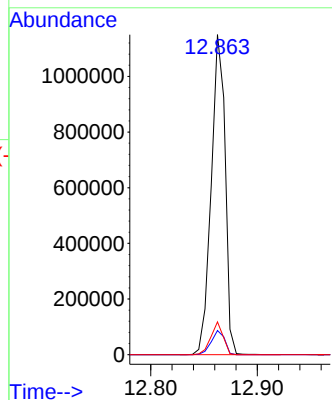
#79
 Terphenyl-d14
 Concen: 75.37 ng
 RT: 12.863 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128903.D
 Acq: 21 Jun 2022 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-23-25-20220620



Tgt Ion:244 Resp: 1047443

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	10.3	8.8	13.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.357 min Scan# 2222
 Delta R.T. -0.006 min
 Lab File: BF128903.D
 Acq: 21 Jun 2022 18:02

Tgt Ion:264 Resp: 191049

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.4	27.6
265	22.1	17.2	25.8

