

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133686.D
 Acq On : 09 Jun 2023 20:37
 Operator : CG\JU
 Sample : 03029-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

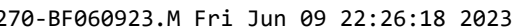
Quant Time: Jun 09 22:26:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 09 15:37:41 2023
 Response via : Initial Calibration

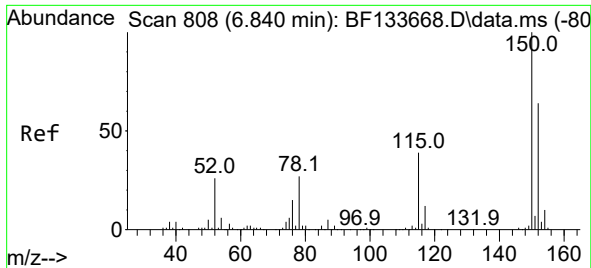
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	88090	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	310574	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	132448	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	227229	20.000	ng	0.00
76) Chrysene-d12	14.015	240	119940	20.000	ng	0.00
86) Perylene-d12	15.486	264	99743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	427721	84.529	ng	0.00
7) Phenol-d6	6.469	99	518238	78.682	ng	0.00
23) Nitrobenzene-d5	7.404	82	333581	58.502	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	119233	71.118	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	540821	58.044	ng	0.00
79) Terphenyl-d14	12.957	244	447021	57.670	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	47530	11.342	ng	# 73
25) Isophorone	7.404	82	333579	31.865	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	17691	8.670	ng	# 28
57) 2,4-Dinitrotoluene	9.880	165	17691	6.817	ng	# 20
63) Azobenzene	10.592	77	42194	4.430	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	7061	2.784	ng	# 1

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

Quant Time: Jun 09 22:26:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 09 15:37:41 2023
Response via : Initial Calibration

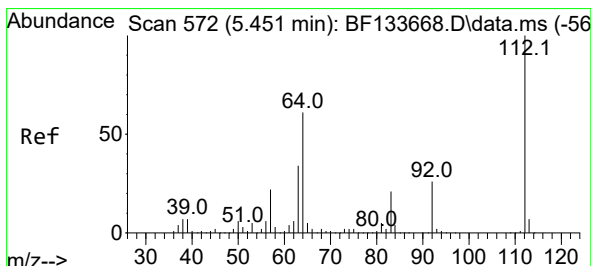
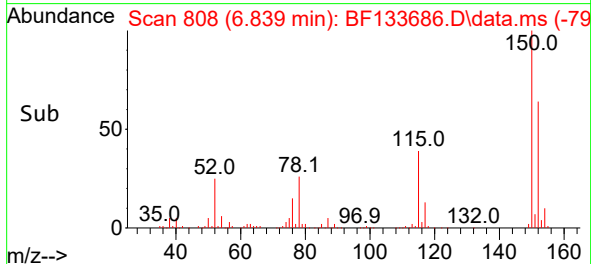
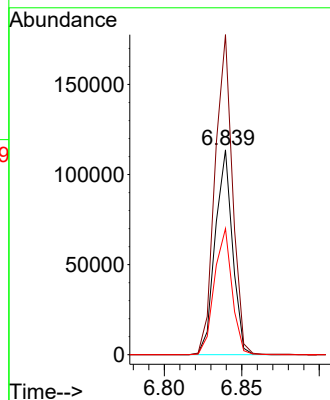
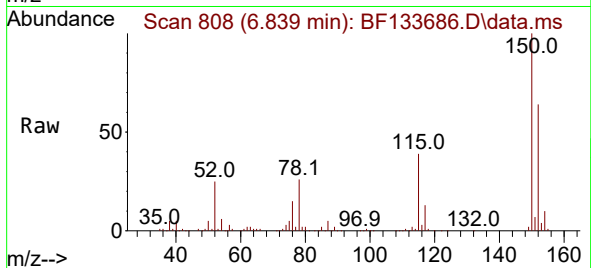




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

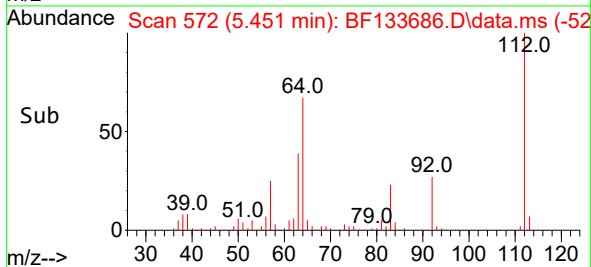
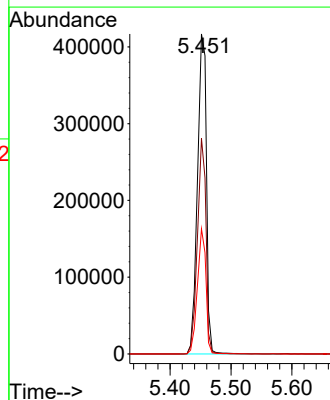
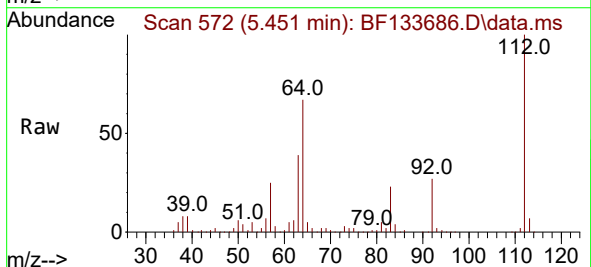
Instrument :
BNA_F
ClientSampleId :
TP-8

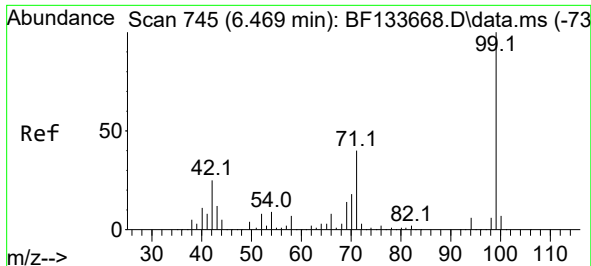
Tgt Ion:152 Resp: 88090
Ion Ratio Lower Upper
152 100
150 156.2 124.3 186.5
115 61.5 48.5 72.7



#5
2-Fluorophenol
Concen: 84.529 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

Tgt Ion:112 Resp: 427721
Ion Ratio Lower Upper
112 100
64 67.3 49.0 73.4
63 39.1 26.8 40.2

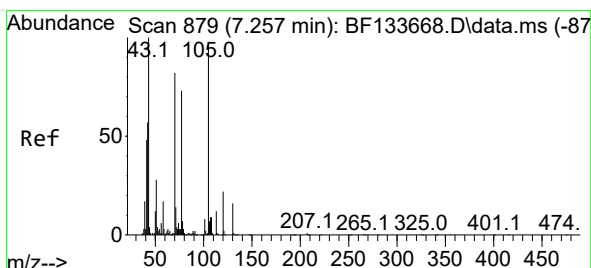
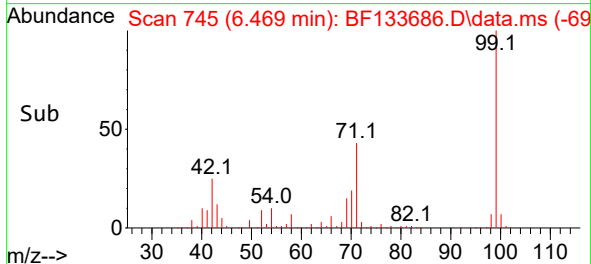
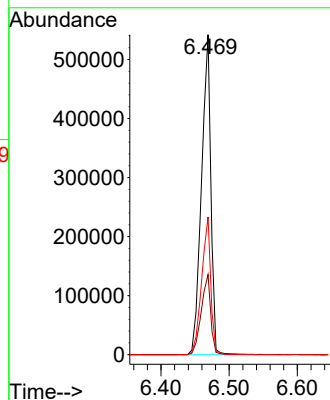
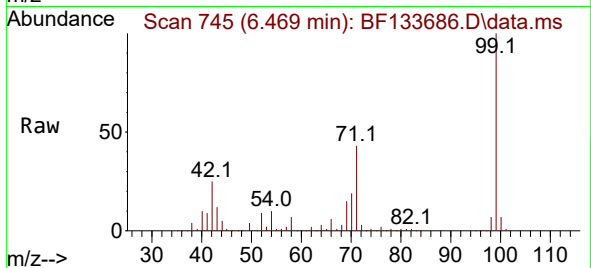




#7
Phenol-d6
Concen: 78.682 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

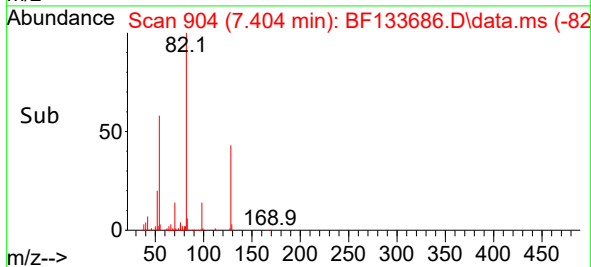
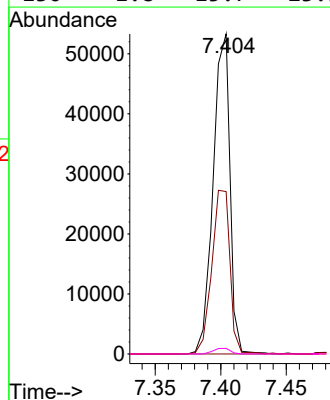
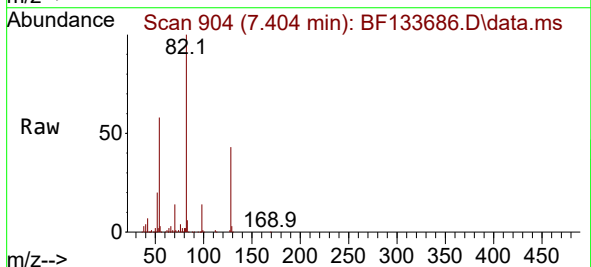
Instrument :
BNA_F
ClientSampleId :
TP-8

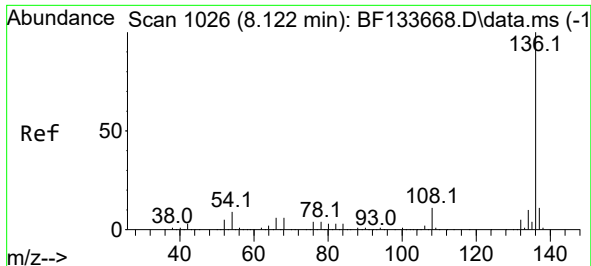
Tgt Ion: 99 Resp: 518238
Ion Ratio Lower Upper
99 100
42 25.1 19.9 29.9
71 43.1 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.342 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

Tgt Ion: 70 Resp: 47530
Ion Ratio Lower Upper
70 100
42 50.8 55.8 83.8#
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133686.D

Acq: 09 Jun 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-8

Tgt Ion:136 Resp: 310574

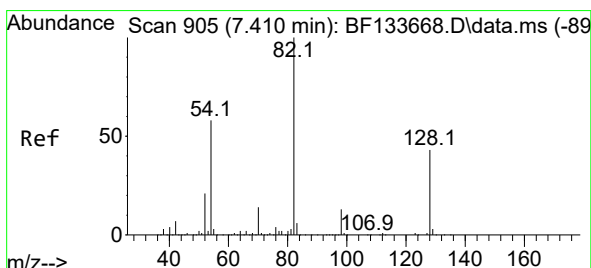
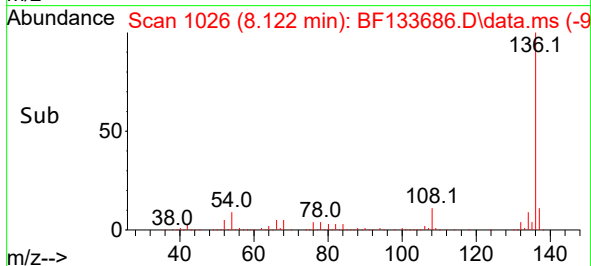
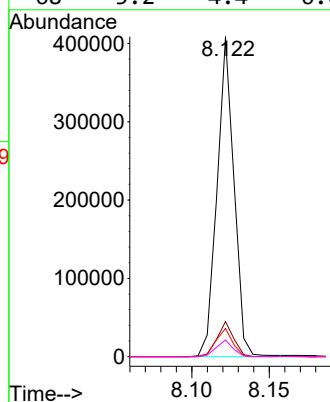
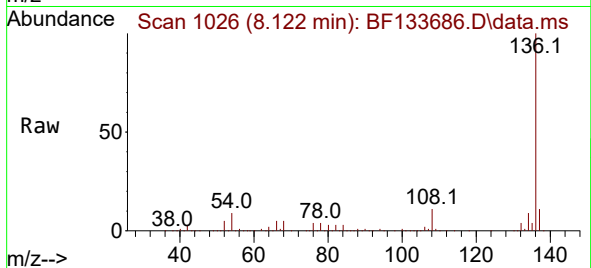
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.8 7.4 11.0

68 5.2 4.4 6.6



#23

Nitrobenzene-d5

Concen: 58.502 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF133686.D

Acq: 09 Jun 2023 20:37

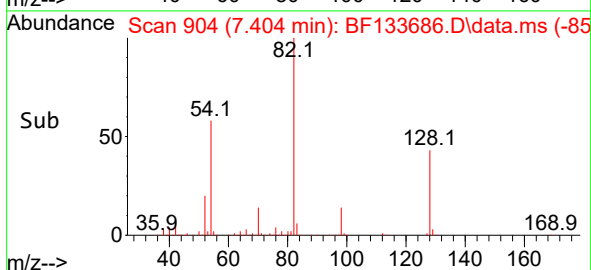
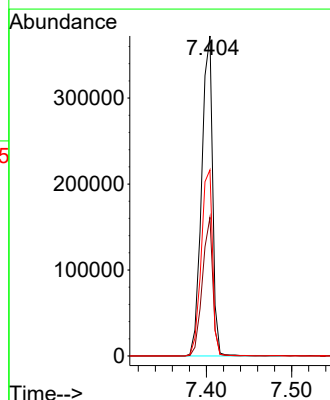
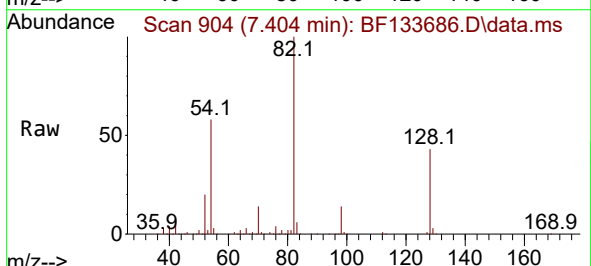
Tgt Ion: 82 Resp: 333581

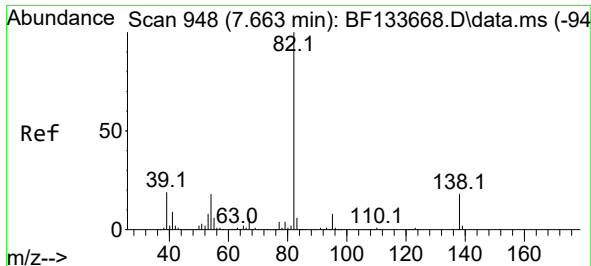
Ion Ratio Lower Upper

82 100

128 43.3 34.2 51.2

54 58.2 46.5 69.7

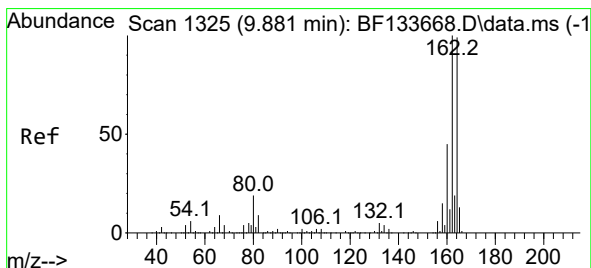
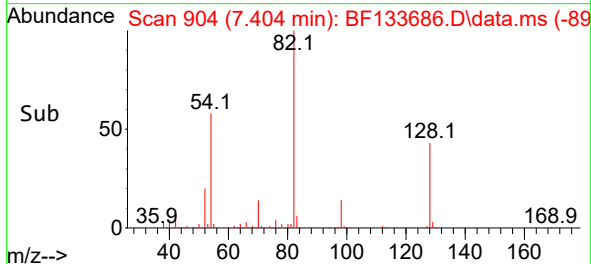
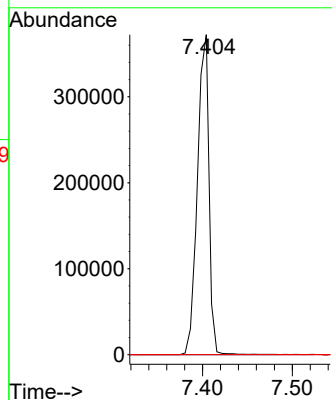
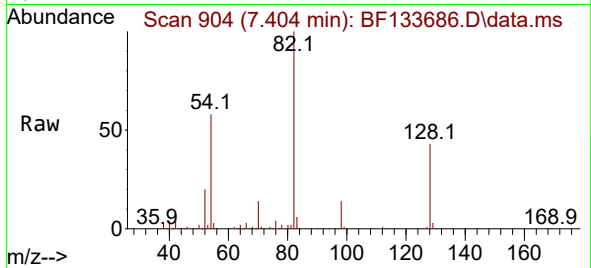




#25
Isophorone
Concen: 31.865 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

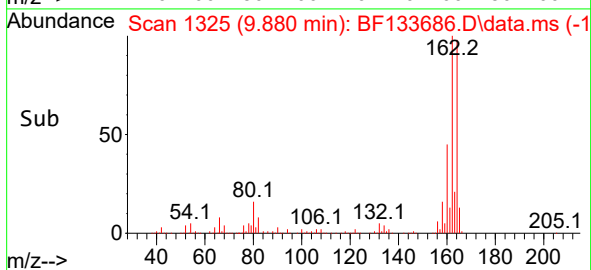
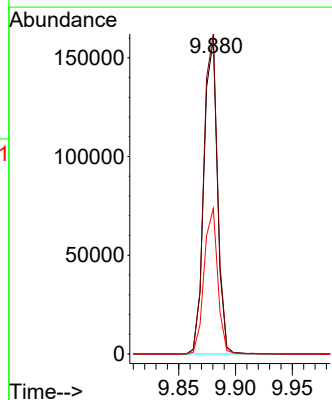
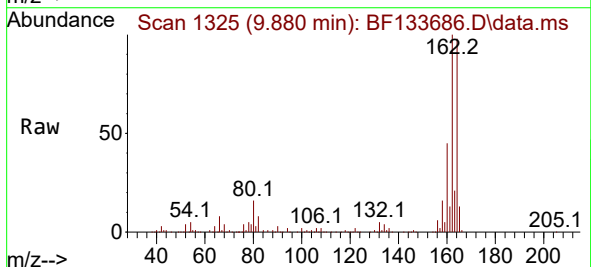
Instrument :
BNA_F
ClientSampleId :
TP-8

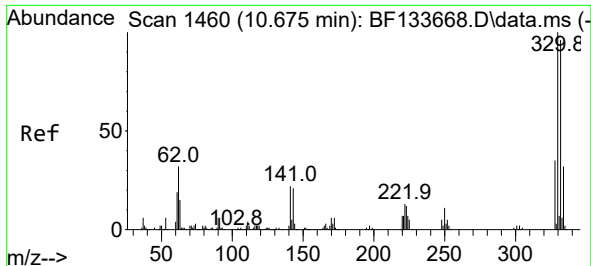
Tgt Ion: 82 Resp: 333579
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

Tgt Ion:164 Resp: 132448
Ion Ratio Lower Upper
164 100
162 101.7 80.8 121.2
160 46.2 36.7 55.1

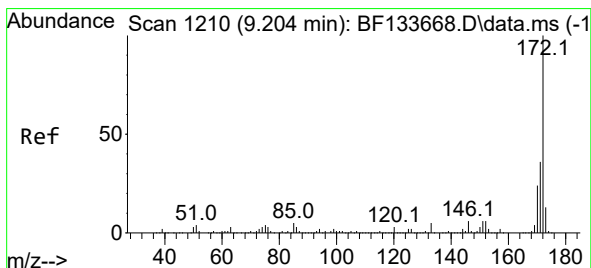
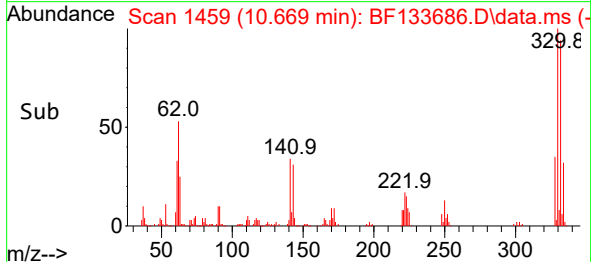
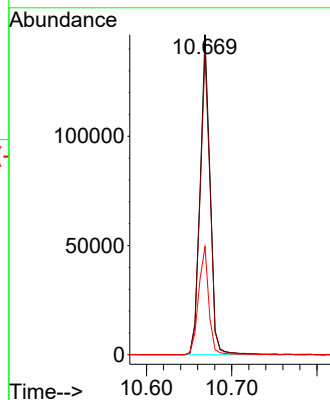
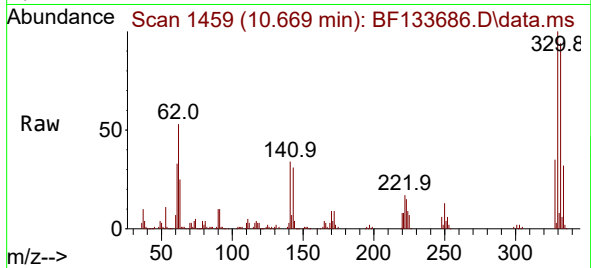




#42
2,4,6-Tribromophenol
Concen: 71.118 ng
RT: 10.669 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

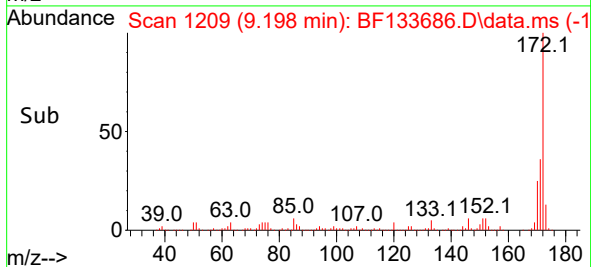
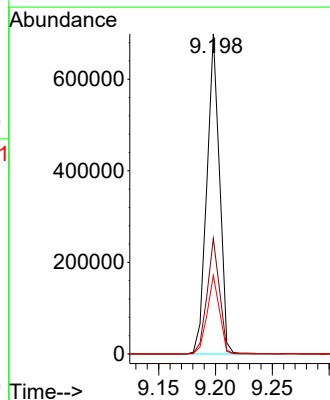
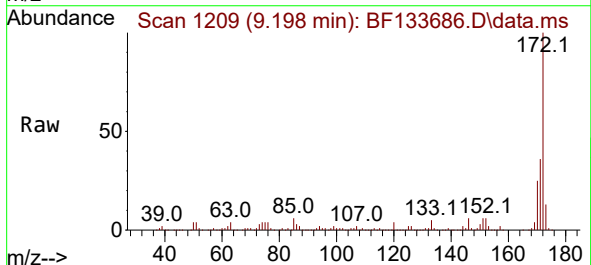
Instrument :
BNA_F
ClientSampleId :
TP-8

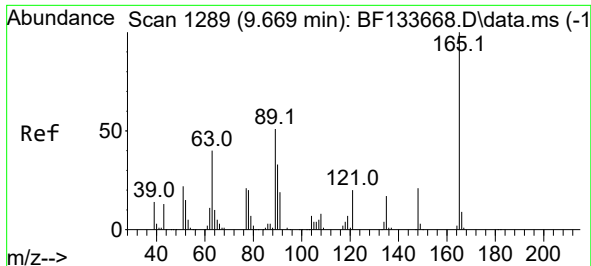
Tgt Ion:330 Resp: 119233
Ion Ratio Lower Upper
330 100
332 95.2 77.2 115.8
141 34.5 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 58.044 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

Tgt Ion:172 Resp: 540821
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.6 19.1 28.7

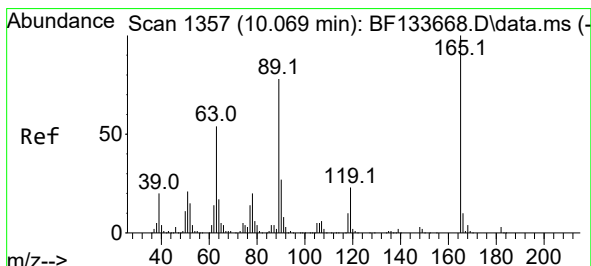
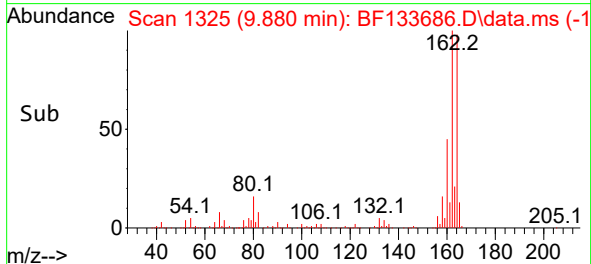
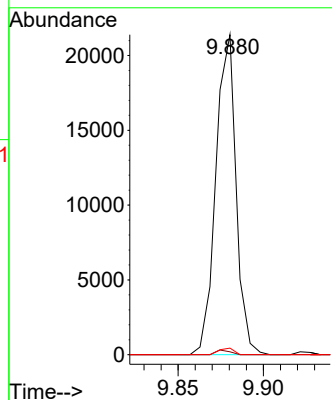
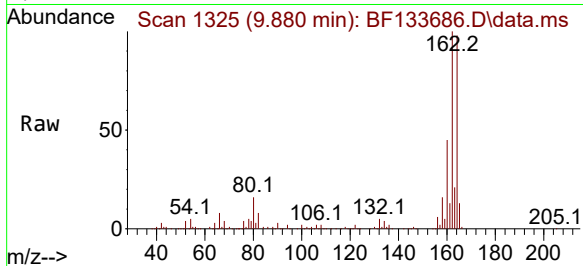




#51
2,6-Dinitrotoluene
Concen: 8.670 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.212 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

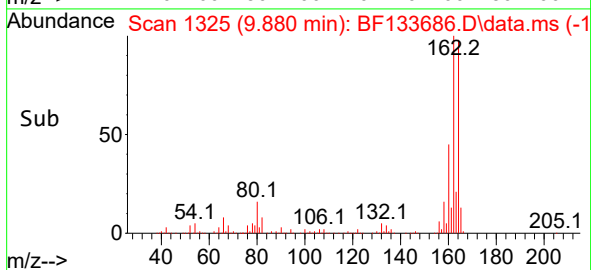
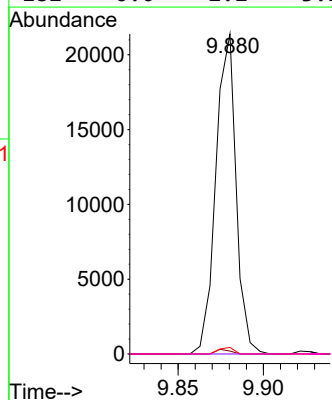
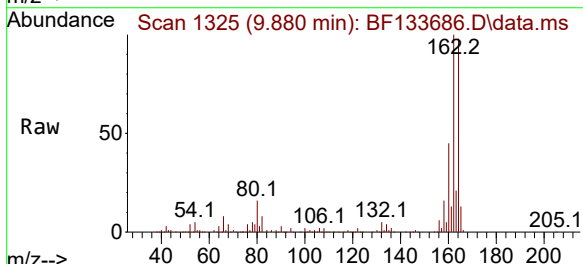
Instrument :
BNA_F
ClientSampleId :
TP-8

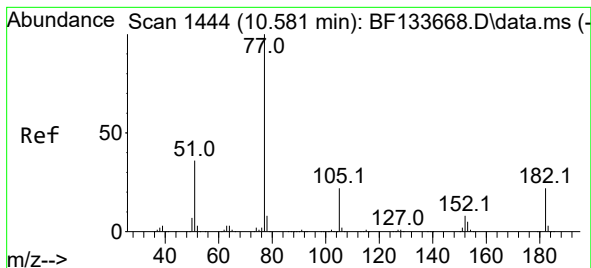
Tgt Ion:165 Resp: 17691
Ion Ratio Lower Upper
165 100
63 0.9 42.1 63.1#
89 2.0 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.817 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.189 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

Tgt Ion:165 Resp: 17691
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 2.0 62.6 93.8#
182 0.0 2.2 3.2#





#63

Azobenzene

Concen: 4.430 ng

RT: 10.592 min Scan# 1444

Delta R.T. 0.011 min

Lab File: BF133686.D

Acq: 09 Jun 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-8

Tgt Ion: 77 Resp: 42194

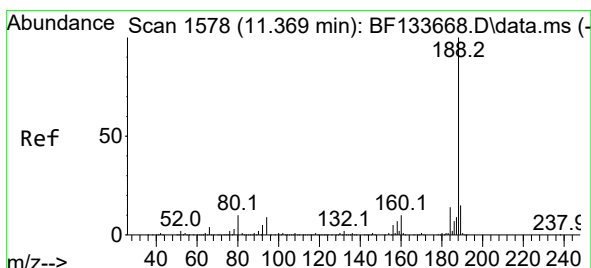
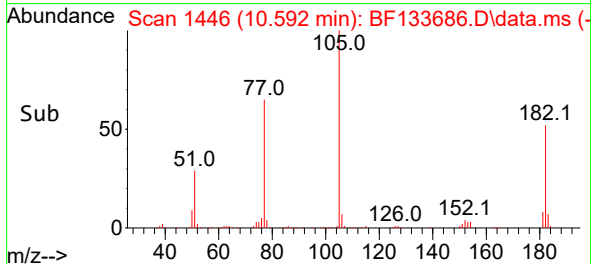
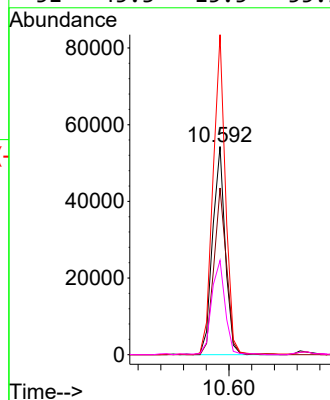
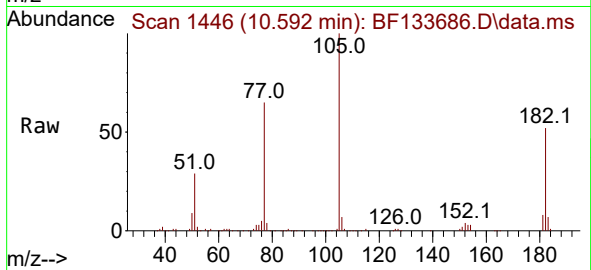
Ion Ratio Lower Upper

77 100

182 80.1 1.6 41.6#

105 153.7 1.6 41.6#

51 45.3 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF133686.D

Acq: 09 Jun 2023 20:37

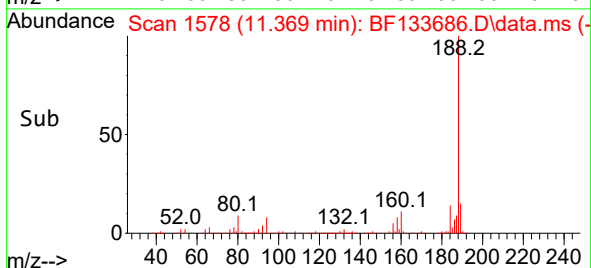
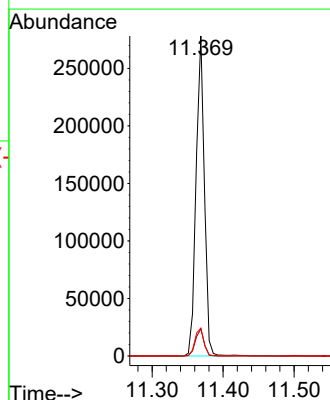
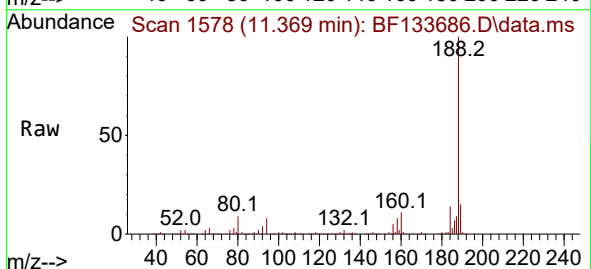
Tgt Ion:188 Resp: 227229

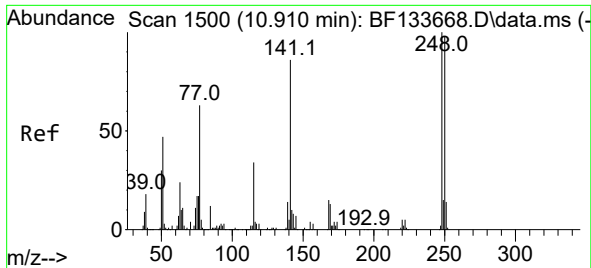
Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

80 8.7 7.8 11.6

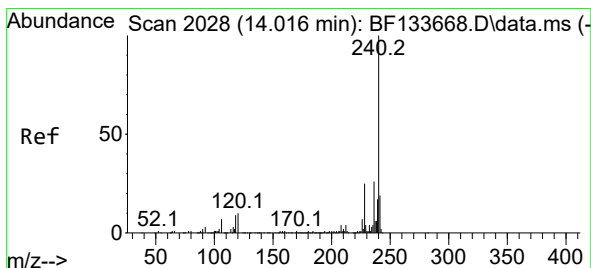
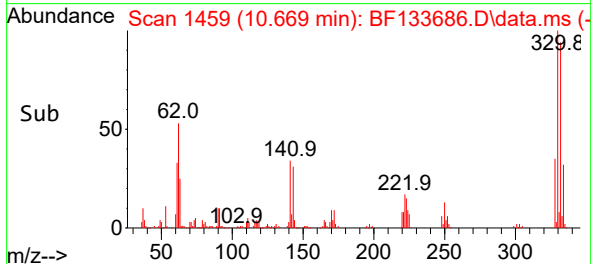
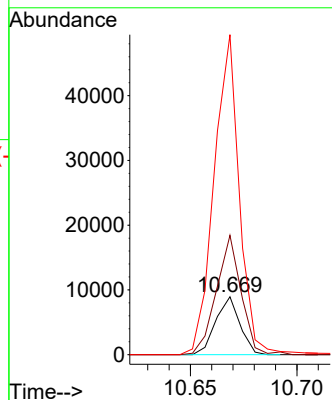
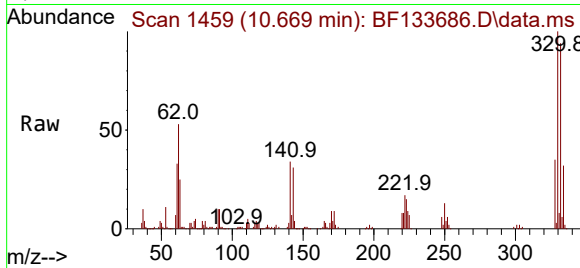




#67
4-Bromophenyl-phenylether
Concen: 2.784 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

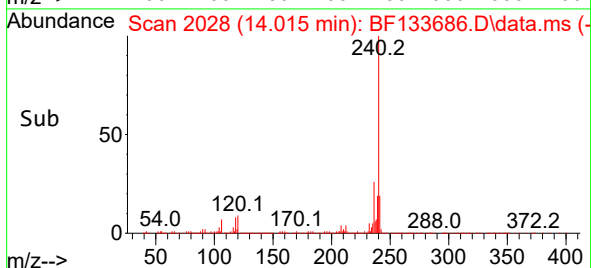
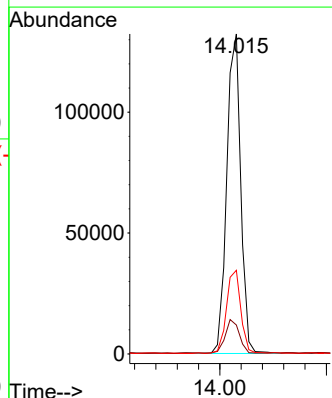
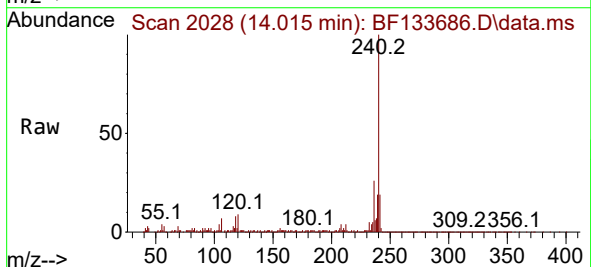
Instrument :
BNA_F
ClientSampleId :
TP-8

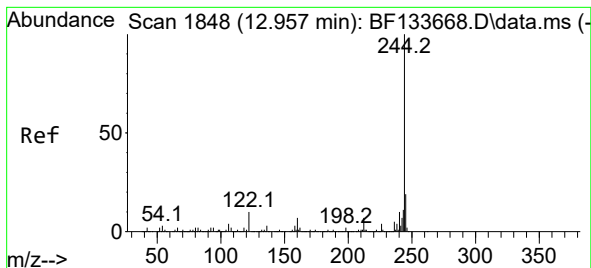
Tgt Ion:248 Resp: 7061
Ion Ratio Lower Upper
248 100
250 205.7 78.3 117.5#
141 551.8 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF133686.D
Acq: 09 Jun 2023 20:37

Tgt Ion:240 Resp: 119940
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 26.2 20.5 30.7





#79

Terphenyl-d14

Concen: 57.670 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BF133686.D

Acq: 09 Jun 2023 20:37

Instrument :

BNA_F

ClientSampleId :

TP-8

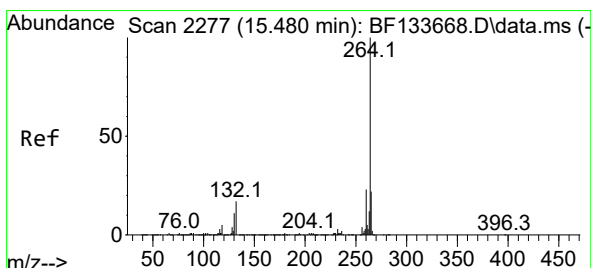
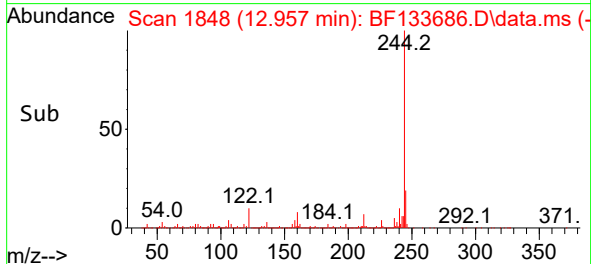
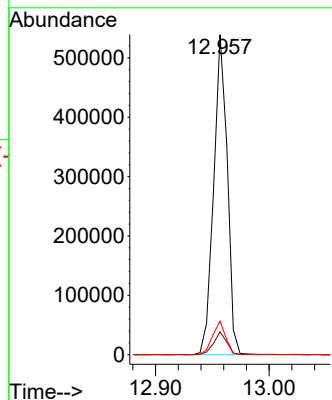
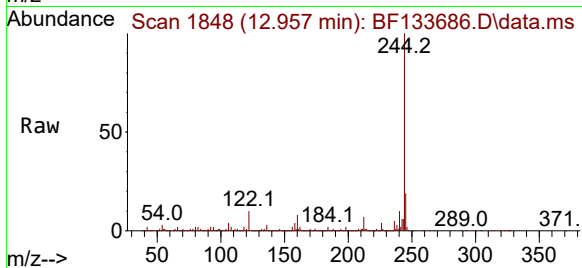
Tgt Ion:244 Resp: 447021

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.4 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.006 min

Lab File: BF133686.D

Acq: 09 Jun 2023 20:37

Tgt Ion:264 Resp: 99743

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.2

265 19.9 17.8 26.6

