

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133780.D
 Acq On : 15 Jun 2023 17:55
 Operator : CG\JU
 Sample : 03140-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-GA

Quant Time: Jun 15 18:16:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

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

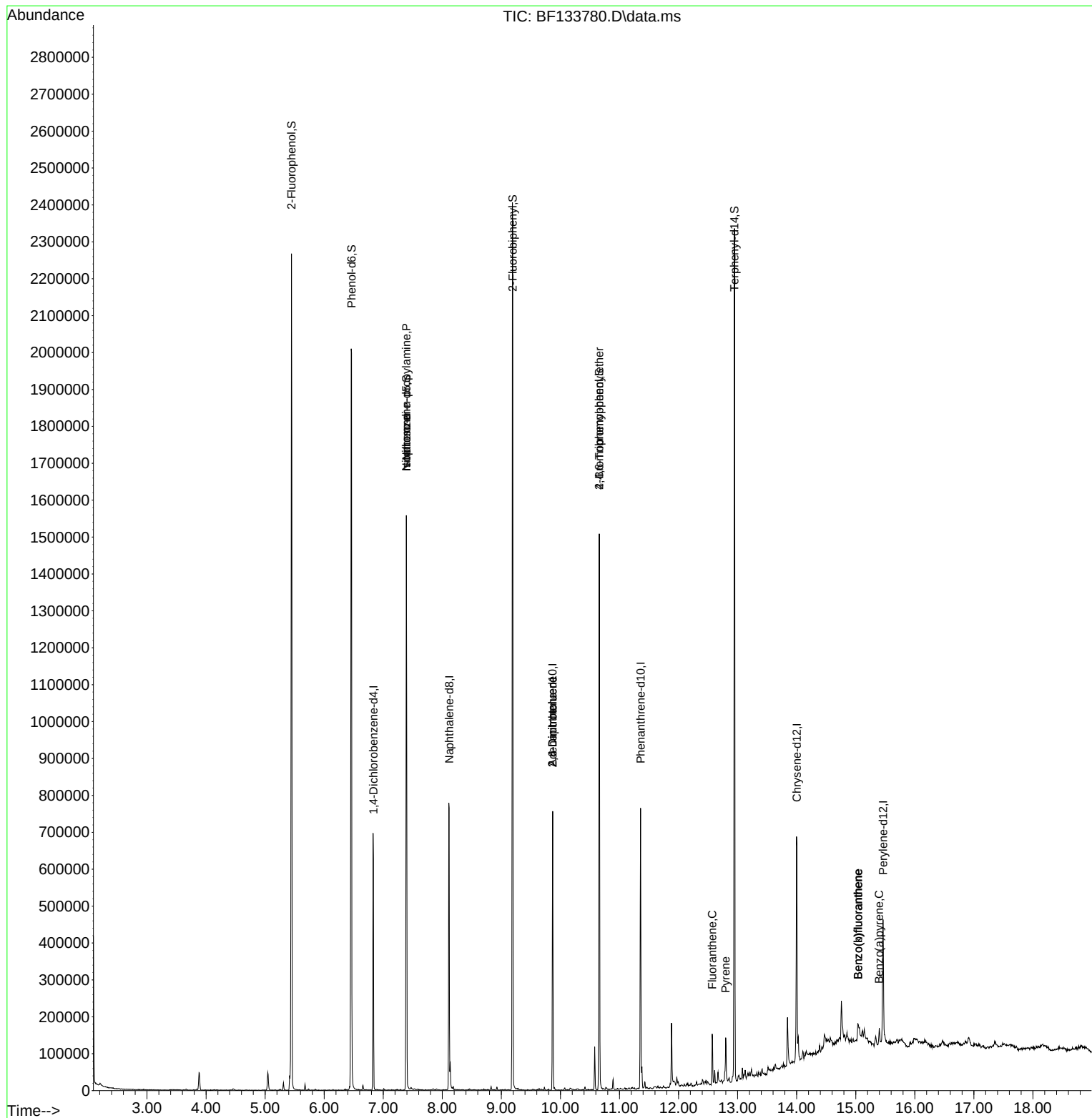
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	98912	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	346420	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	133429	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	260195	20.000	ng	0.00
76) Chrysene-d12	14.004	240	202548	20.000	ng	0.00
86) Perylene-d12	15.462	264	149681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	578976	101.903	ng	0.00
7) Phenol-d6	6.463	99	676829	91.518	ng	0.00
23) Nitrobenzene-d5	7.392	82	431837	67.897	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	160327	94.926	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	754721	80.406	ng	0.00
79) Terphenyl-d14	12.945	244	776198	59.297	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.392	70	60796	12.920	ng	# 79
25) Isophorone	7.392	82	431830	36.982	ng	# 65
51) 2,6-Dinitrotoluene	9.869	165	16432	7.993	ng	# 28
57) 2,4-Dinitrotoluene	9.869	165	16432	6.285	ng	# 20
67) 4-Bromophenyl-phenylether	10.657	248	10273	3.537	ng	# 1
75) Fluoranthene	12.568	202	51461	3.671	ng	96
78) Pyrene	12.798	202	49584	2.628	ng	96
88) Benzo(b)fluoranthene	15.039	252	34961	3.845	ng	# 95
89) Benzo(k)fluoranthene	15.039	252	34961	3.947	ng	# 95
90) Benzo(a)pyrene	15.398	252	18476	2.189	ng	# 89

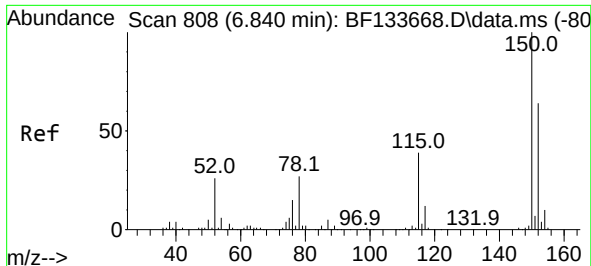
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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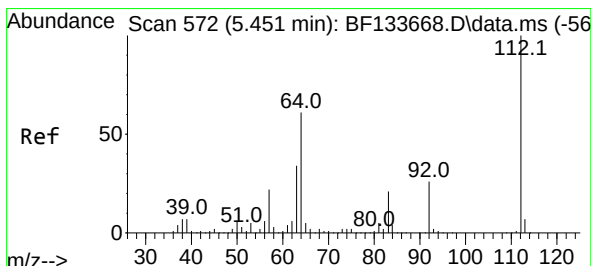
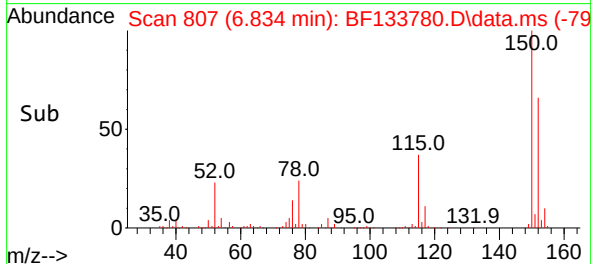
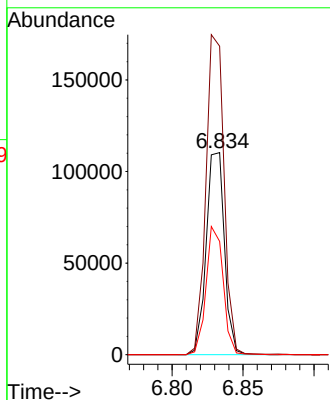
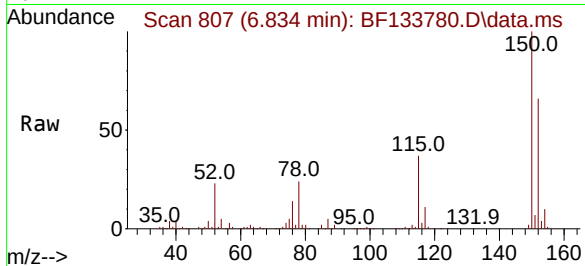




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

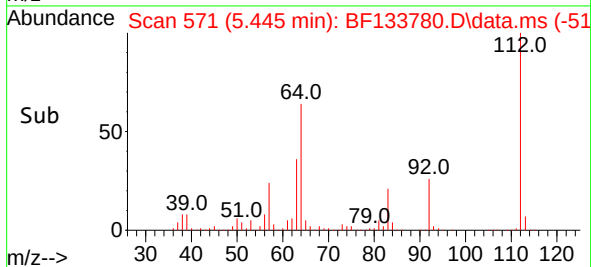
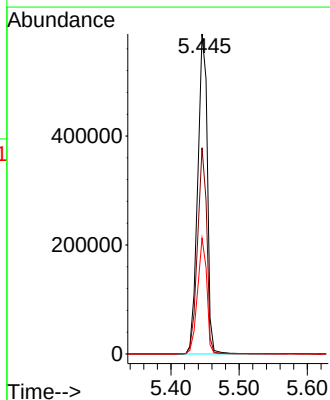
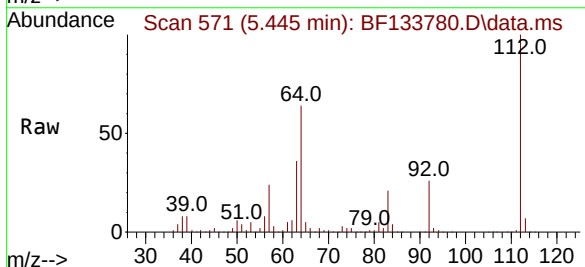
Instrument :
BNA_F
ClientSampleId :
TP-3-GA

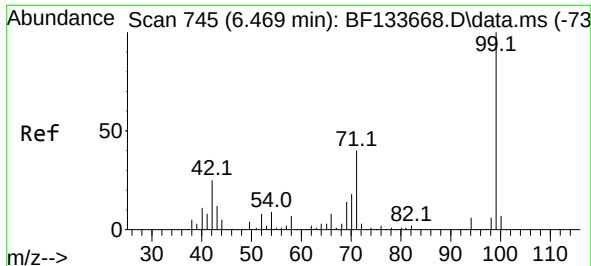
Tgt Ion:152 Resp: 98912
Ion Ratio Lower Upper
152 100
150 152.6 124.3 186.5
115 56.1 48.5 72.7



#5
2-Fluorophenol
Concen: 101.903 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

Tgt Ion:112 Resp: 578976
Ion Ratio Lower Upper
112 100
64 64.5 49.0 73.4
63 36.2 26.8 40.2

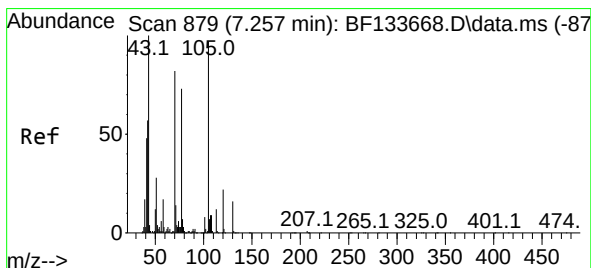
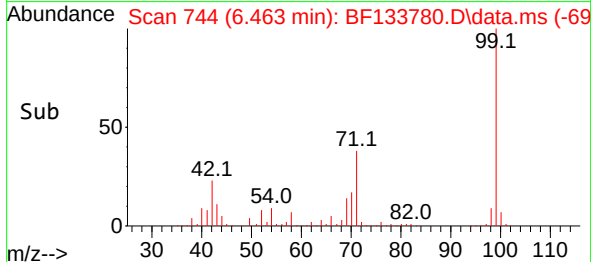
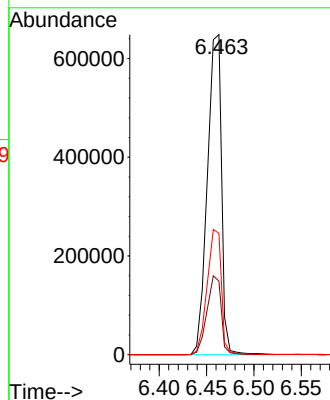
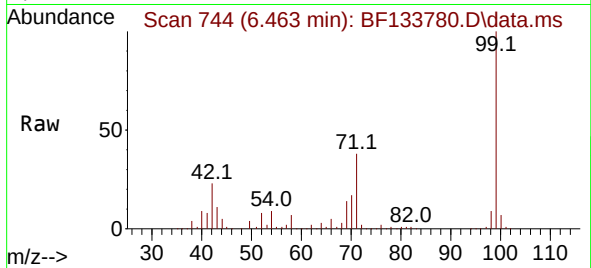




#7
Phenol-d6
Concen: 91.518 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

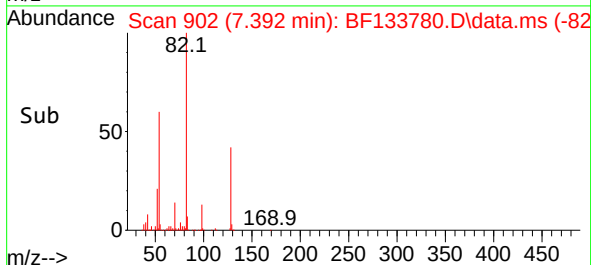
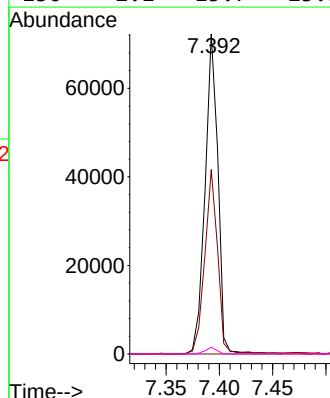
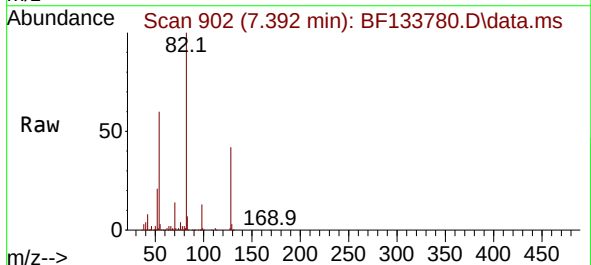
Instrument :
BNA_F
ClientSampleId :
TP-3-GA

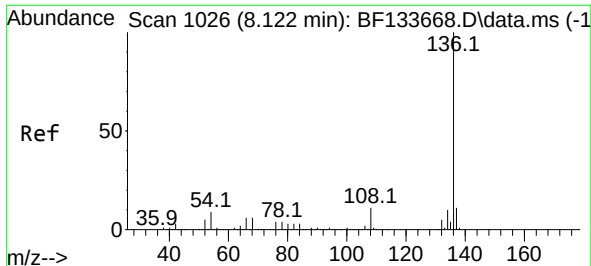
Tgt Ion: 99 Resp: 676829
Ion Ratio Lower Upper
99 100
42 23.0 19.9 29.9
71 37.9 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.920 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

Tgt Ion: 70 Resp: 60796
Ion Ratio Lower Upper
70 100
42 57.6 55.8 83.8
101 0.0 8.1 12.1#
130 2.1 15.7 23.5#

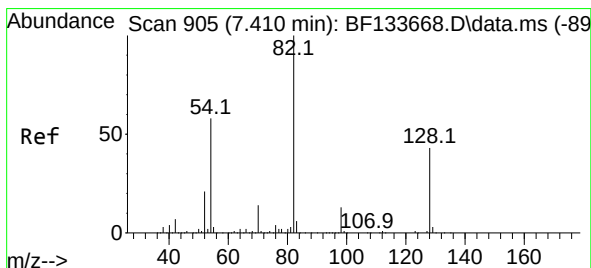
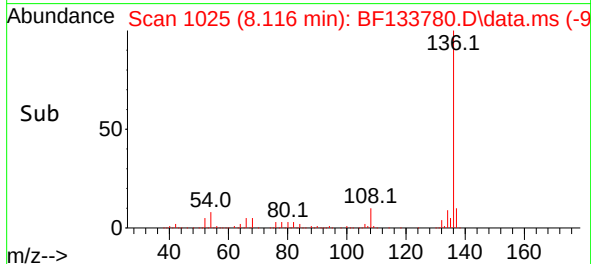
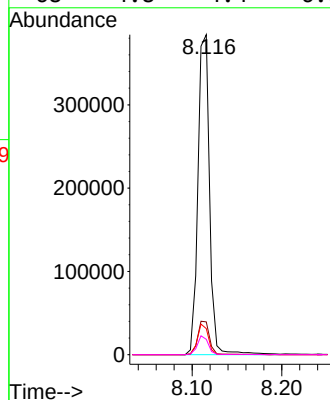
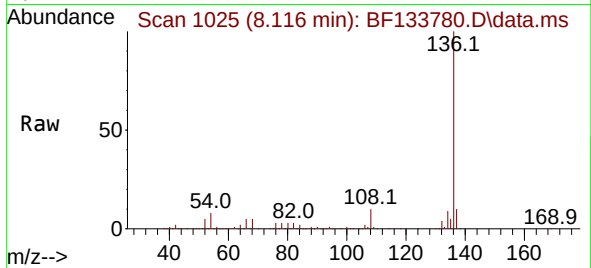




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

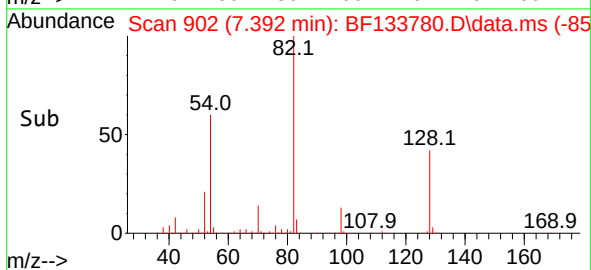
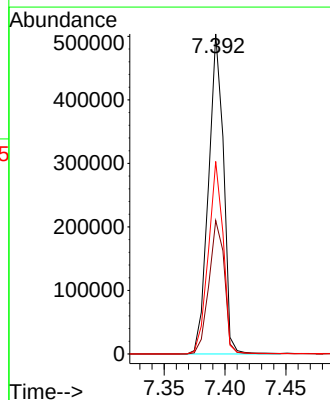
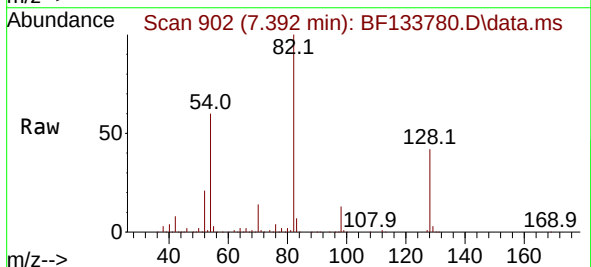
Instrument :
BNA_F
ClientSampleId :
TP-3-GA

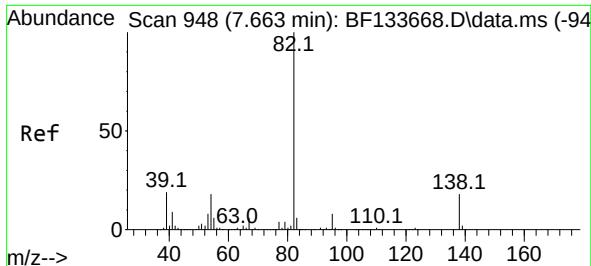
Tgt Ion:136 Resp: 346420
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 8.1 7.4 11.0
68 4.8 4.4 6.6



#23
Nitrobenzene-d5
Concen: 67.897 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

Tgt Ion: 82 Resp: 431837
Ion Ratio Lower Upper
82 100
128 41.7 34.2 51.2
54 60.2 46.5 69.7

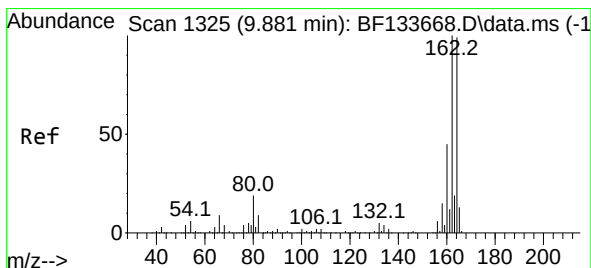
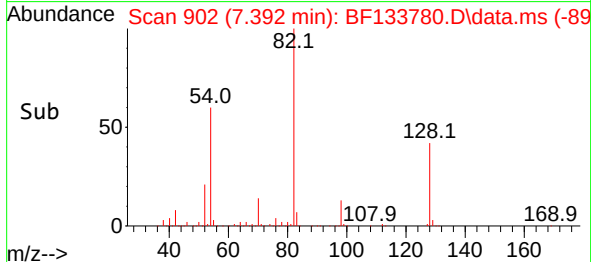
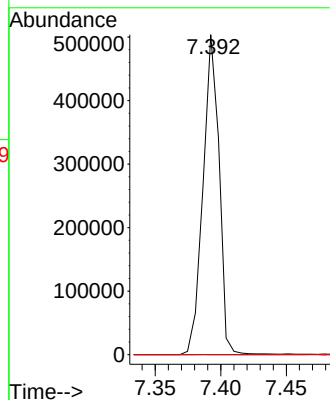
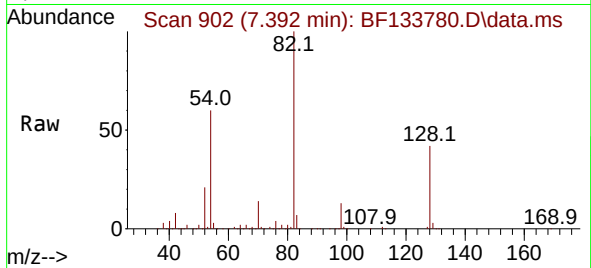




#25
Isophorone
Concen: 36.982 ng
RT: 7.392 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

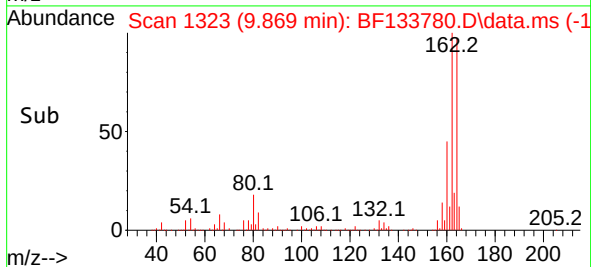
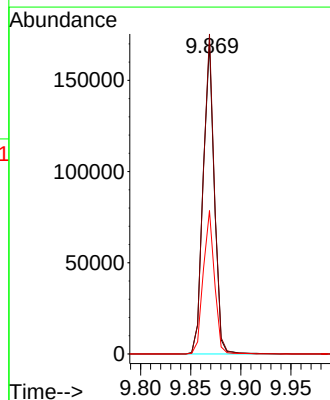
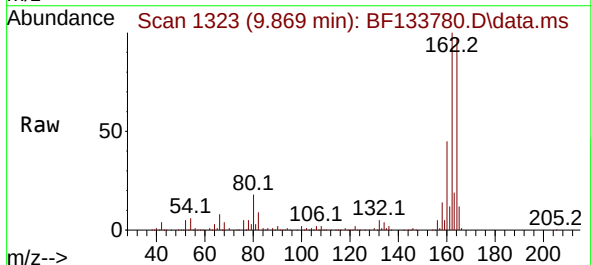
Instrument :
BNA_F
ClientSampleId :
TP-3-GA

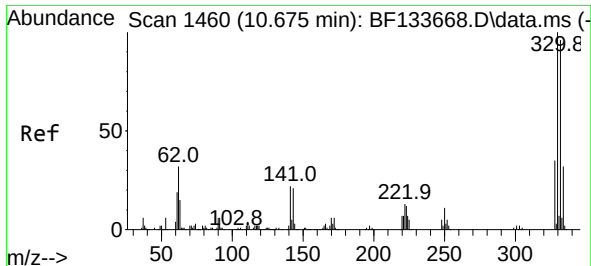
Tgt Ion: 82 Resp: 431830
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

Tgt Ion:164 Resp: 133429
Ion Ratio Lower Upper
164 100
162 102.8 80.8 121.2
160 46.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 94.926 ng

RT: 10.657 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF133780.D

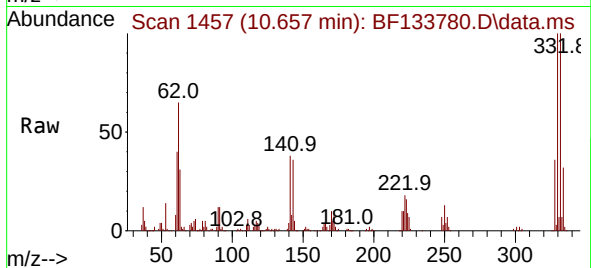
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Instrument :

BNA_F

ClientSampleId :

TP-3-GA



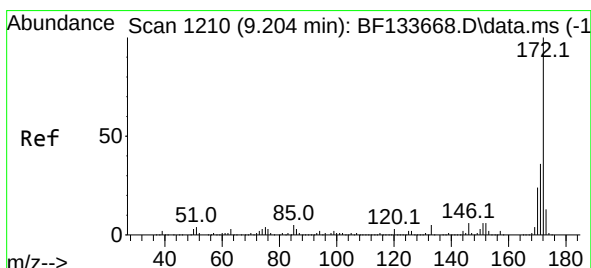
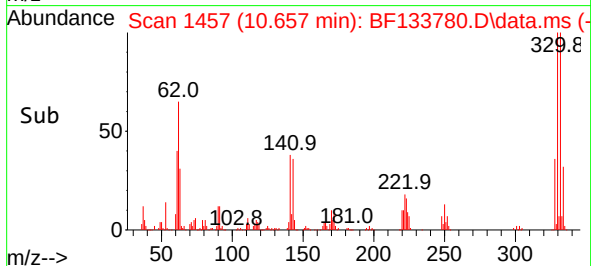
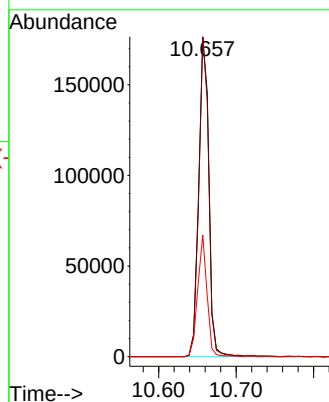
Tgt Ion:330 Resp: 160327

Ion Ratio Lower Upper

330 100

332 97.5 77.2 115.8

141 35.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 80.406 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133780.D

Acq: 15 Jun 2023 17:55

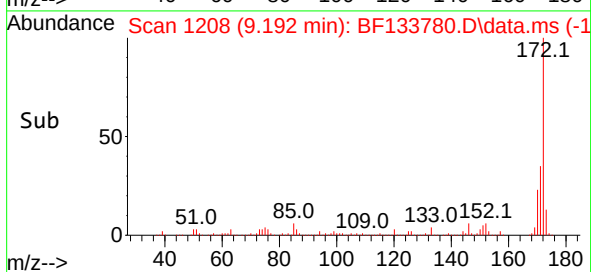
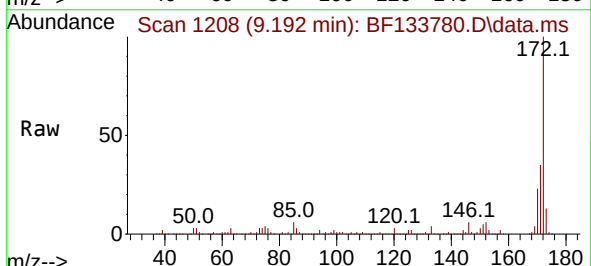
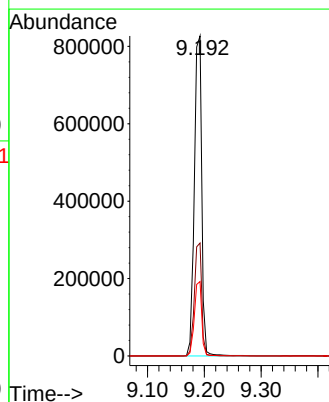
Tgt Ion:172 Resp: 754721

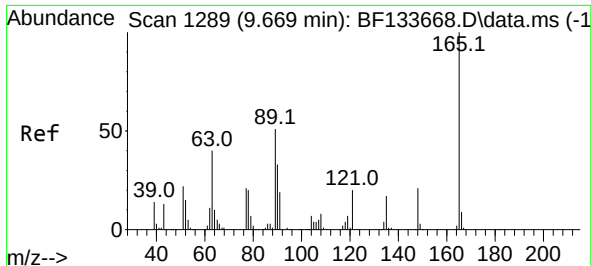
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.3 19.1 28.7

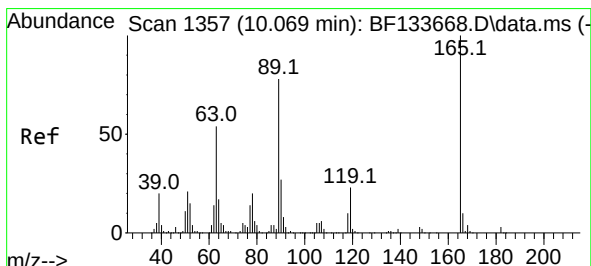
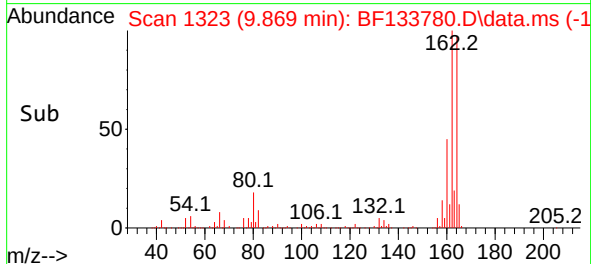
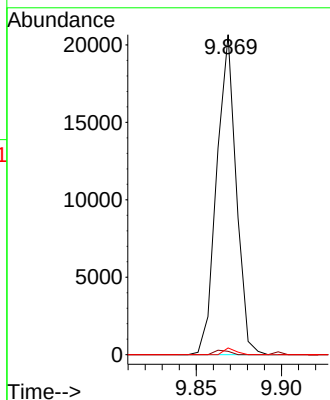
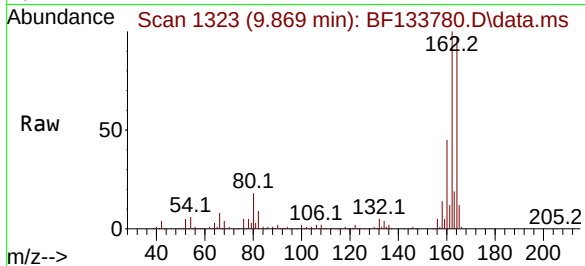




#51
2,6-Dinitrotoluene
Concen: 7.993 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.212 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

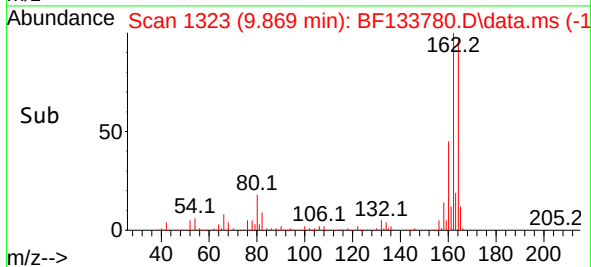
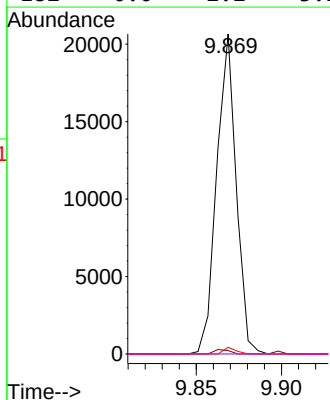
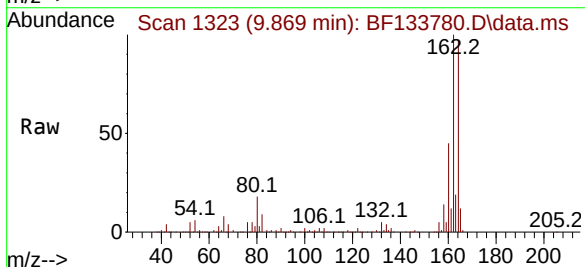
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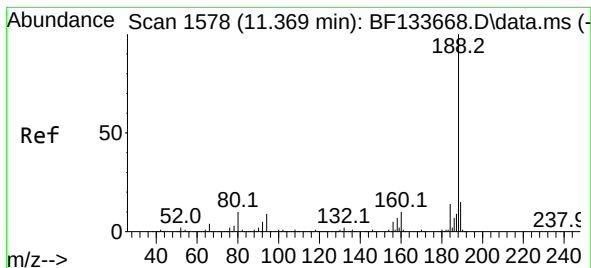
Tgt Ion:165 Resp: 16432
Ion Ratio Lower Upper
165 100
63 1.1 42.1 63.1#
89 2.1 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.285 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

Tgt Ion:165 Resp: 16432
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 2.1 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133780.D

Acq: 15 Jun 2023 17:55

Instrument :

BNA_F

ClientSampleId :

TP-3-GA

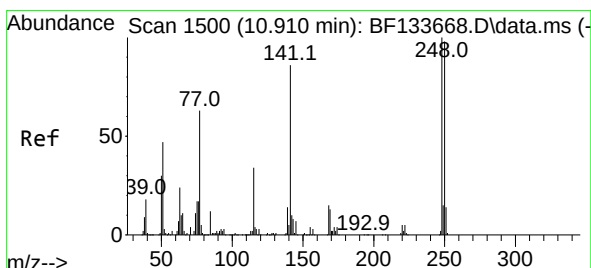
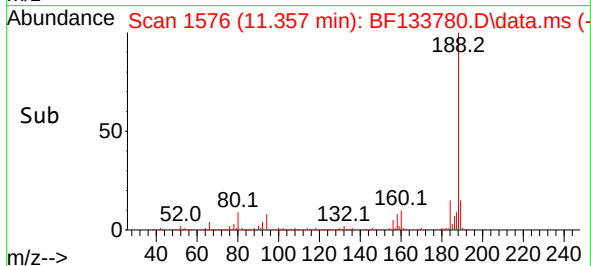
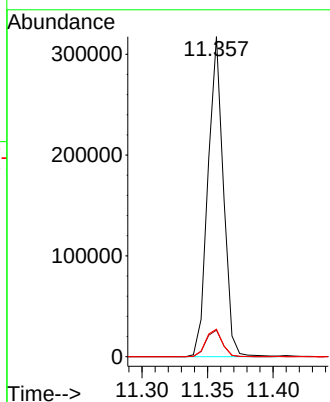
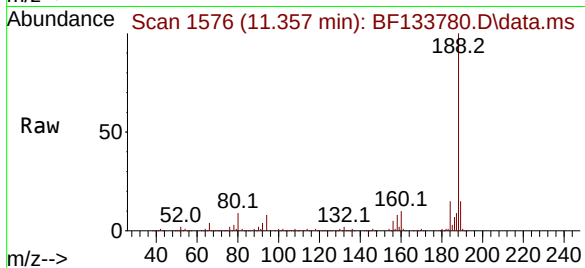
Tgt Ion:188 Resp: 260195

Ion Ratio Lower Upper

188 100

94 8.3 6.8 10.2

80 8.6 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 3.537 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF133780.D

Acq: 15 Jun 2023 17:55

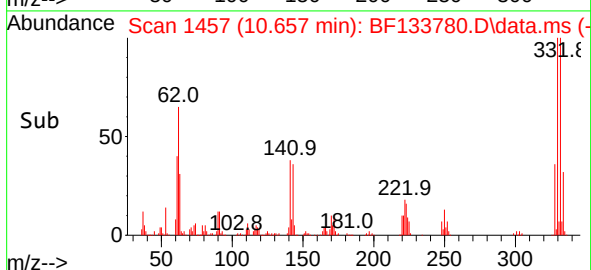
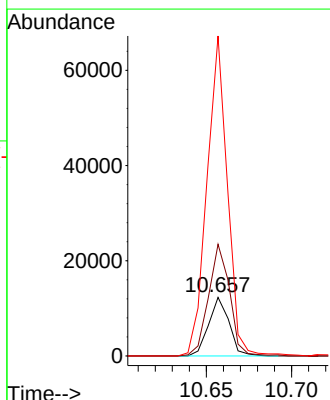
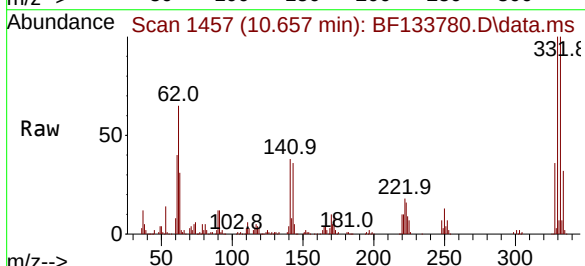
Tgt Ion:248 Resp: 10273

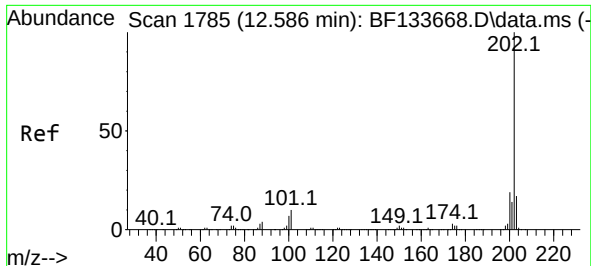
Ion Ratio Lower Upper

248 100

250 190.5 78.3 117.5#

141 545.7 69.0 103.6#

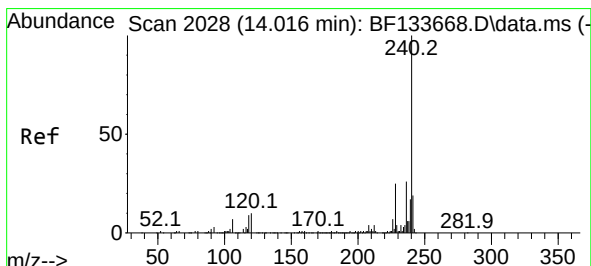
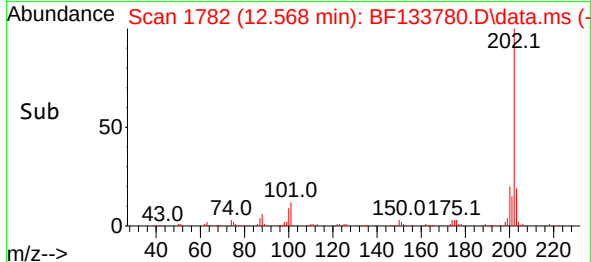
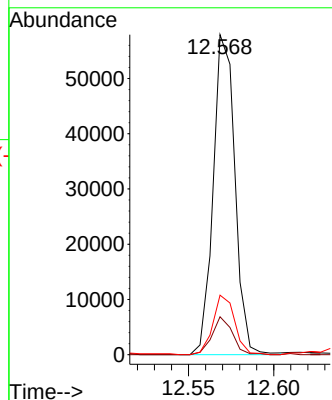
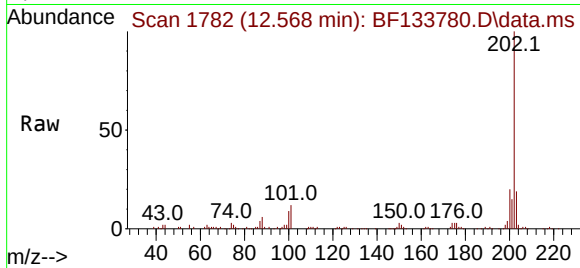




#75
Fluoranthene
Concen: 3.671 ng
RT: 12.568 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

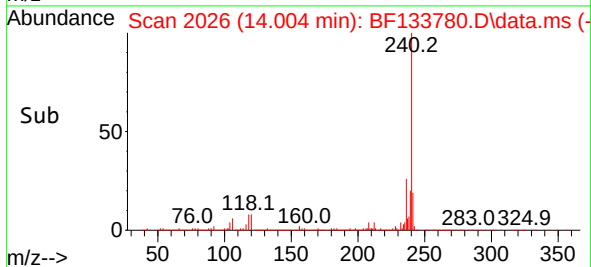
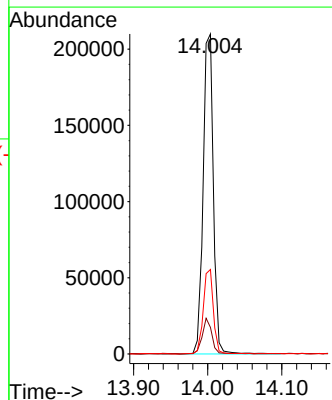
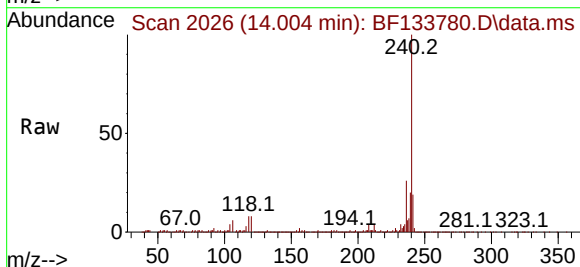
Instrument :
BNA_F
ClientSampleId :
TP-3-GA

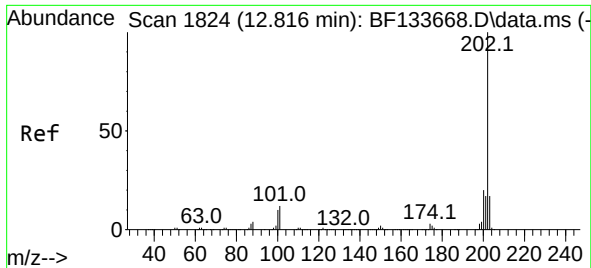
Tgt Ion:202 Resp: 51461
Ion Ratio Lower Upper
202 100
101 11.9 0.0 29.6
203 18.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

Tgt Ion:240 Resp: 202548
Ion Ratio Lower Upper
240 100
120 8.3 8.1 12.1
236 26.4 20.5 30.7

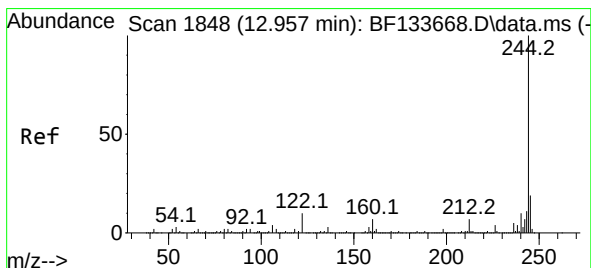
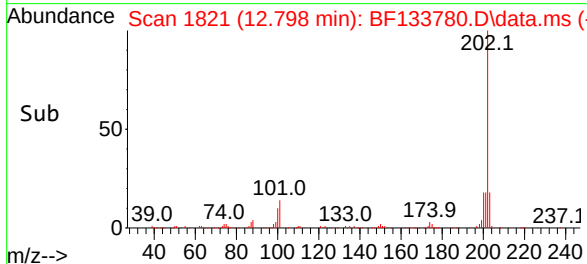
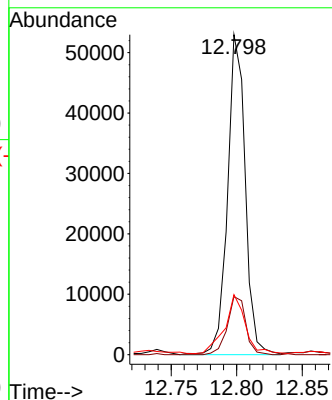
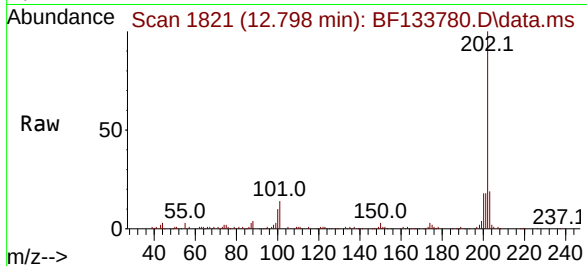




#78
 Pyrene
 Concen: 2.628 ng
 RT: 12.798 min Scan# 1821
 Delta R.T. -0.006 min
 Lab File: BF133780.D
 Acq: 15 Jun 2023 17:55

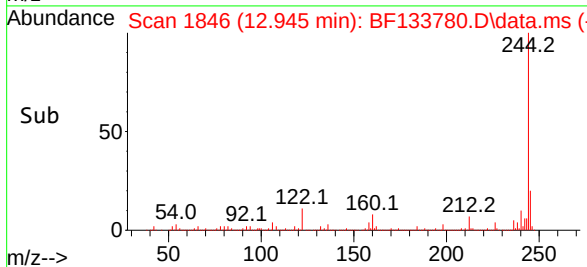
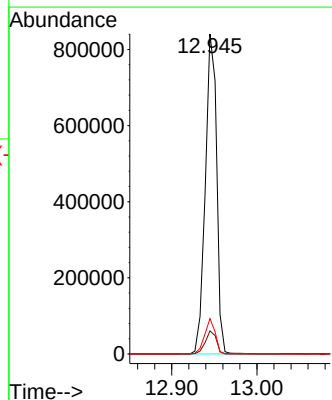
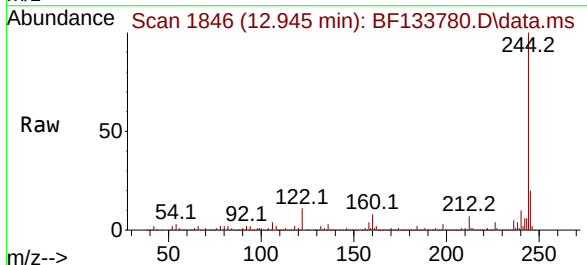
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-GA

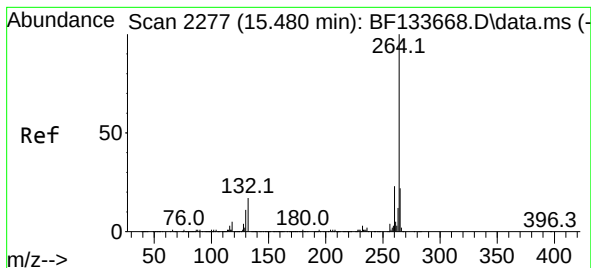
Tgt Ion:202 Resp: 49584
 Ion Ratio Lower Upper
 202 100
 200 18.2 16.2 24.2
 203 18.8 13.9 20.9



#79
 Terphenyl-d14
 Concen: 59.297 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: BF133780.D
 Acq: 15 Jun 2023 17:55

Tgt Ion:244 Resp: 776198
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 11.0 8.1 12.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133780.D

Acq: 15 Jun 2023 17:55

Instrument :

BNA_F

ClientSampleId :

TP-3-GA

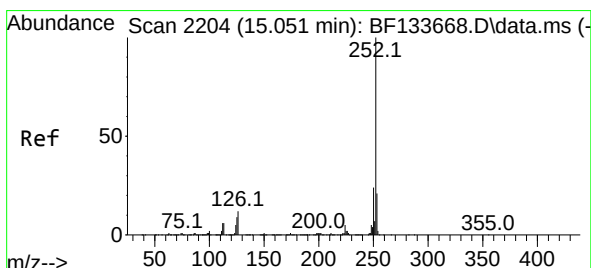
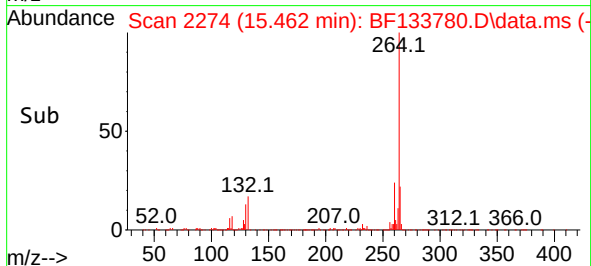
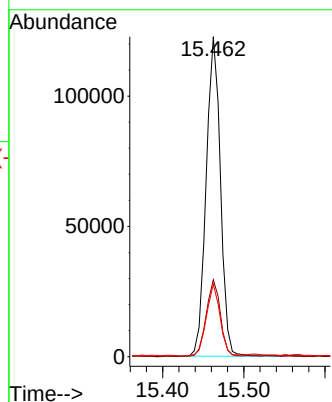
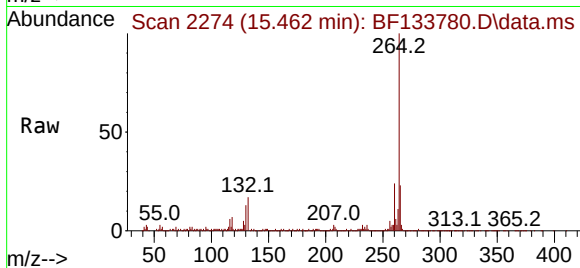
Tgt Ion:264 Resp: 149681

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.2

265 22.6 17.8 26.6



#88

Benzo(b)fluoranthene

Concen: 3.845 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.000 min

Lab File: BF133780.D

Acq: 15 Jun 2023 17:55

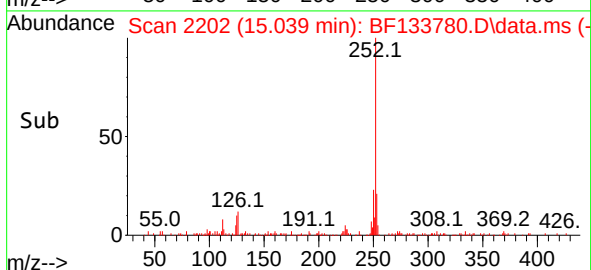
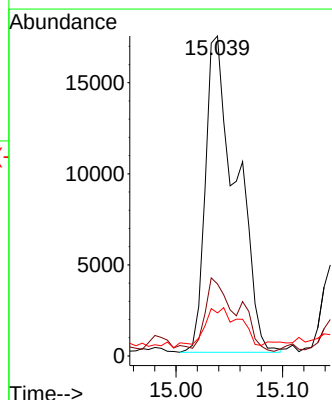
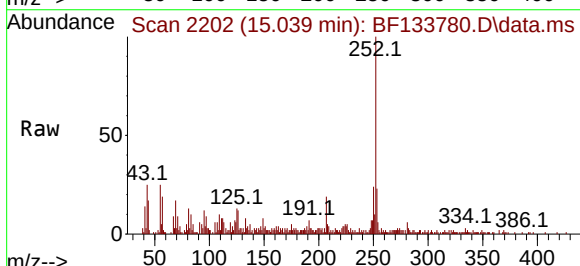
Tgt Ion:252 Resp: 34961

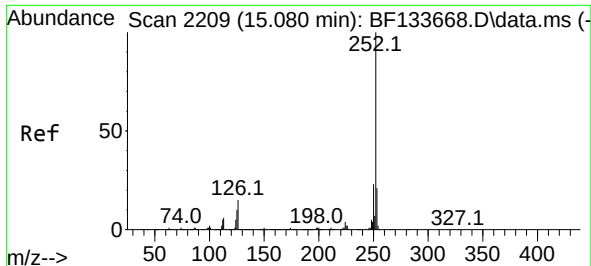
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.6

125 13.4 7.3 10.9#

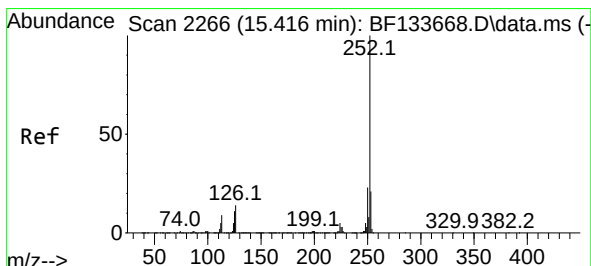
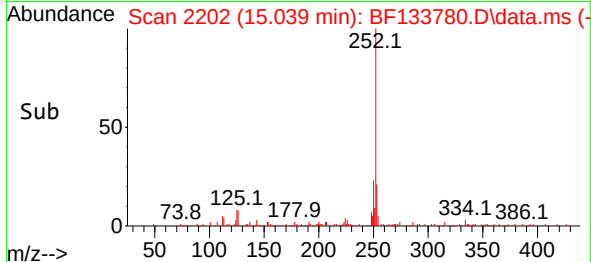
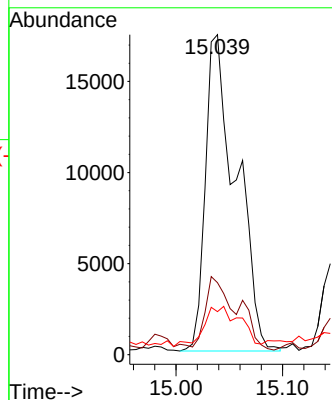
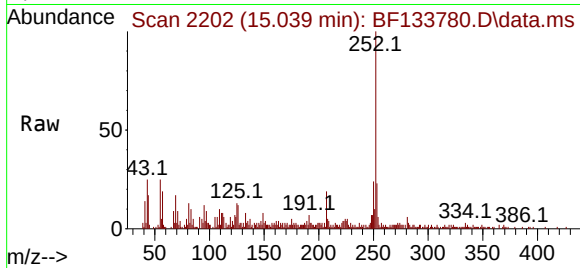




#89
Benzo(k)fluoranthene
Concen: 3.947 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.030 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

Instrument :
BNA_F
ClientSampleId :
TP-3-GA

Tgt Ion:252 Resp: 34961
Ion Ratio Lower Upper
252 100
253 22.5 17.0 25.4
125 13.4 7.8 11.6#



#90
Benzo(a)pyrene
Concen: 2.189 ng
RT: 15.398 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF133780.D
Acq: 15 Jun 2023 17:55

Tgt Ion:252 Resp: 18476
Ion Ratio Lower Upper
252 100
253 25.0 17.1 25.7
125 17.6 8.6 13.0#

