

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132906.D
 Acq On : 18 Apr 2023 17:58
 Operator : CG\JU
 Sample : 02371-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

Quant Time: Apr 18 18:32:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 04:51:21 2023
 Response via : Initial Calibration

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

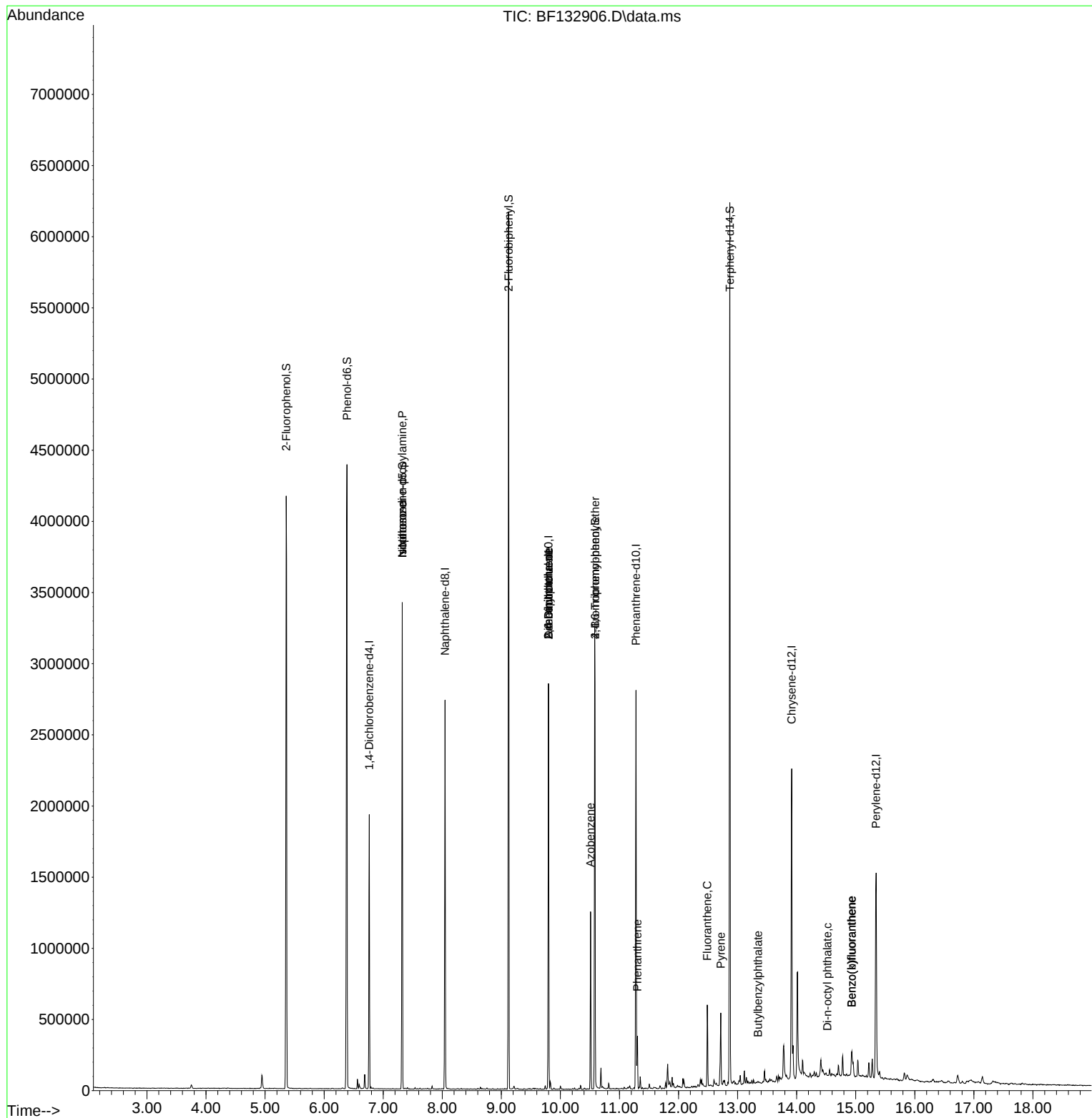
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	239342	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	952258	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	489778	20.000	ng	0.00
64) Phenanthrene-d10	11.281	188	891067	20.000	ng	0.00
76) Chrysene-d12	13.916	240	668272	20.000	ng	-0.01
86) Perylene-d12	15.345	264	615880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1148077	75.006	ng	0.00
7) Phenol-d6	6.387	99	1479577	75.753	ng	-0.01
23) Nitrobenzene-d5	7.322	82	889113	48.668	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	378091	76.965	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1608814	50.462	ng	-0.01
79) Terphenyl-d14	12.869	244	1958243	49.993	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	115557	9.479	ng	# 81
25) Isophorone	7.322	82	888936	25.653	ng	# 65
50) Dimethylphthalate	9.798	163	99430	2.936	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	64005	8.621	ng	# 27
57) 2,4-Dinitrotoluene	9.798	165	64005	6.985	ng	# 23
63) Azobenzene	10.510	77	185947	5.261	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	23609	2.320	ng	# 1
71) Phenanthrene	11.304	178	117332	2.448	ng	98
75) Fluoranthene	12.486	202	198073	4.156	ng	99
78) Pyrene	12.716	202	187185	3.426	ng	98
80) Butylbenzylphthalate	13.345	149	490	5.167	ng	# 63
85) Di-n-octyl phthalate	14.522	149	888	6.404	ng	# 61
88) Benzo(b)fluoranthene	14.933	252	115208	3.003	ng	98
89) Benzo(k)fluoranthene	14.933	252	115208	3.015	ng	98

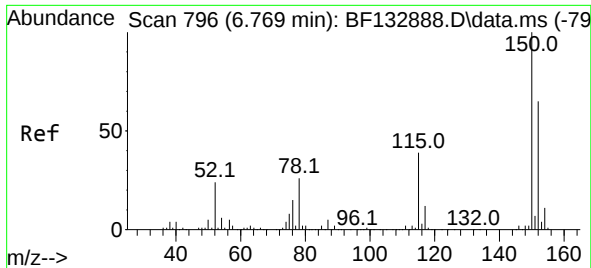
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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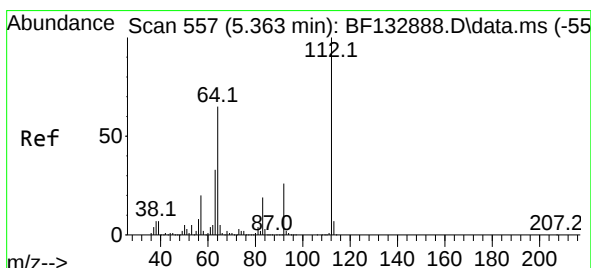
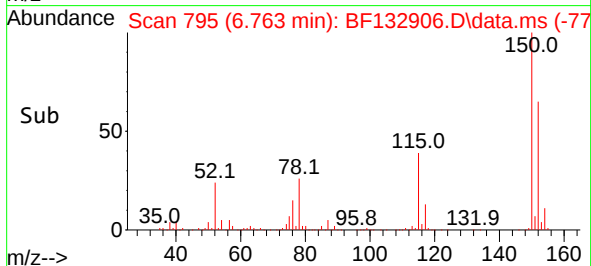
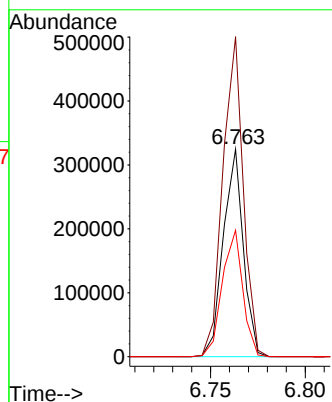
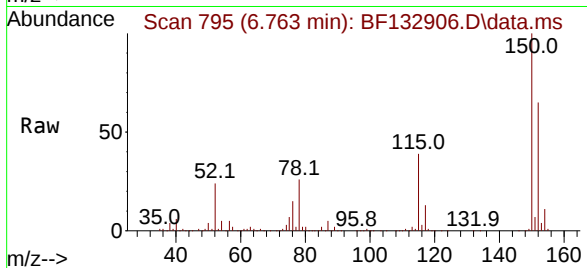




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

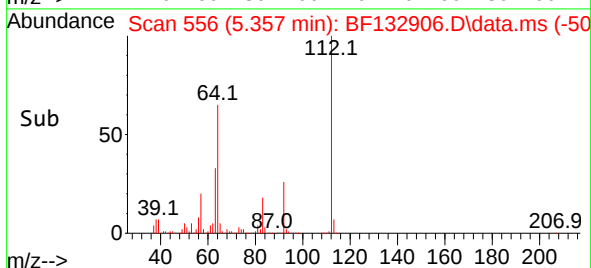
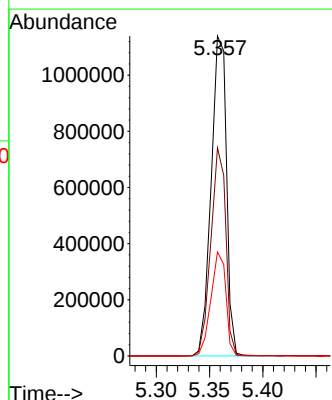
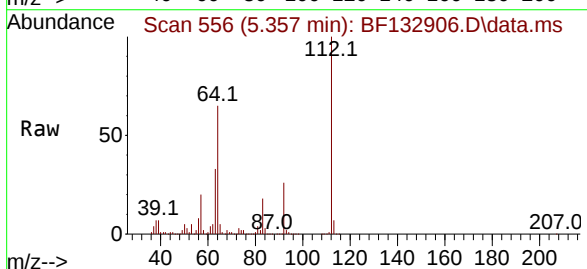
Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

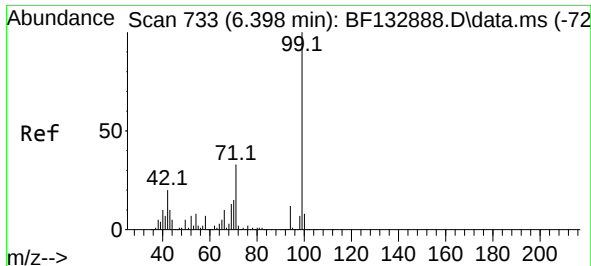
Tgt Ion:152 Resp: 239342
Ion Ratio Lower Upper
152 100
150 154.1 122.8 184.2
115 60.9 47.3 70.9



#5
2-Fluorophenol
Concen: 75.006 ng
RT: 5.357 min Scan# 556
Delta R.T. -0.006 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

Tgt Ion:112 Resp: 1148077
Ion Ratio Lower Upper
112 100
64 65.1 51.8 77.8
63 32.5 26.3 39.5



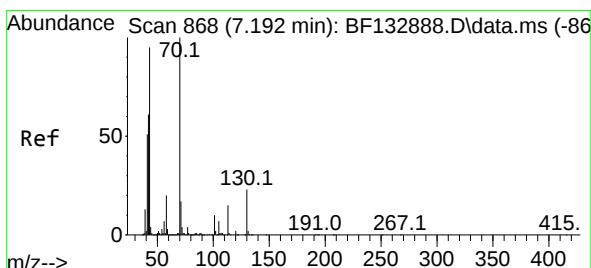
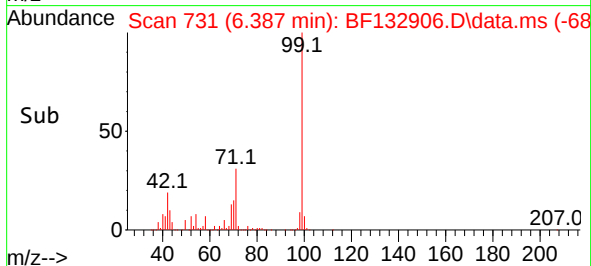
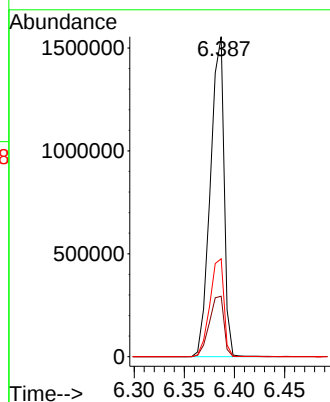
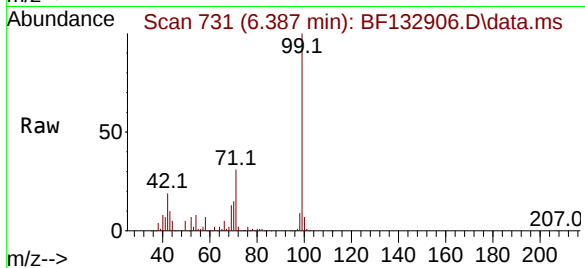


#7
Phenol-d6
Concen: 75.753 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

Tgt Ion: 99 Resp: 1479577

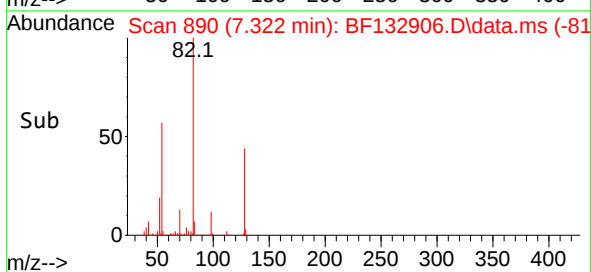
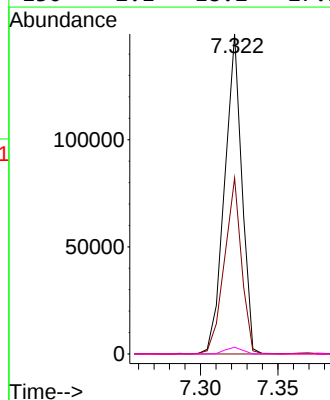
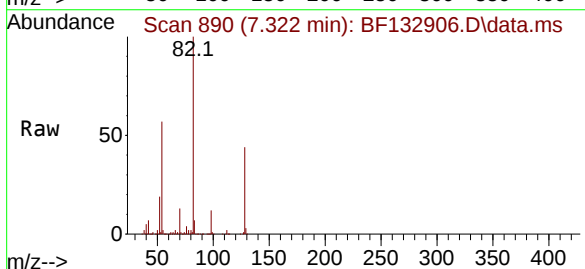
Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.1	24.1
71	30.6	26.1	39.1

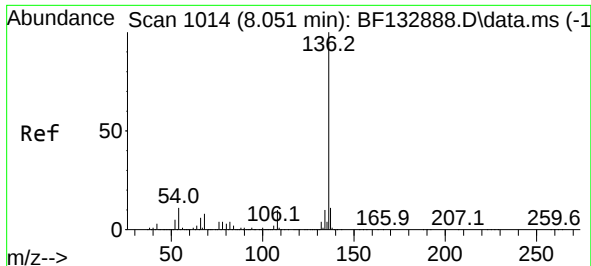


#19
n-Nitroso-di-n-propylamine
Concen: 9.479 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.130 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

Tgt Ion: 70 Resp: 115557

Ion	Ratio	Lower	Upper
70	100		
42	55.0	49.0	73.6
101	0.0	8.1	12.1#
130	2.1	18.2	27.2#



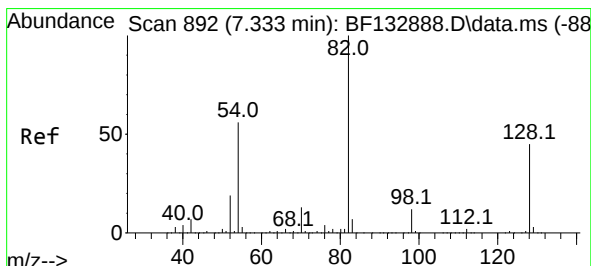
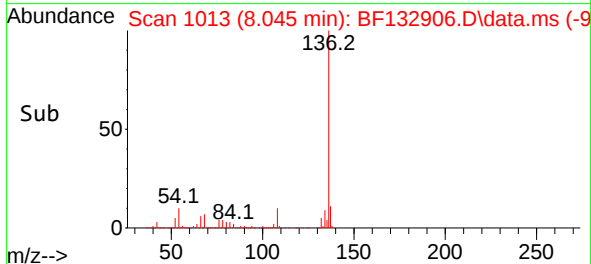
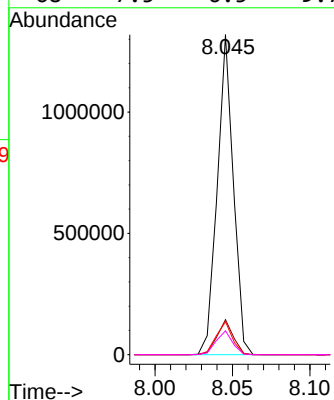
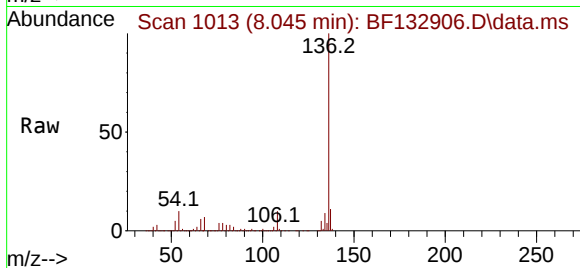


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

Tgt Ion:136 Resp: 952258

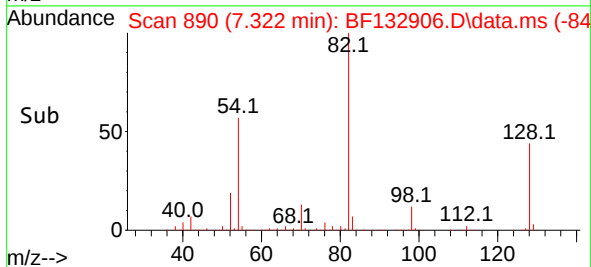
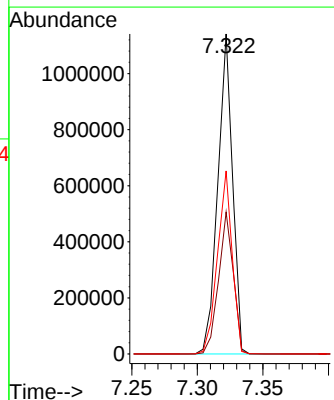
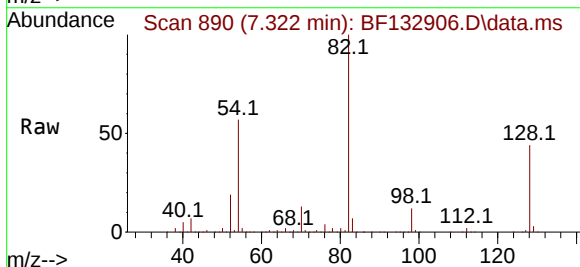
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	10.3	8.9	13.3
68	7.5	6.5	9.7

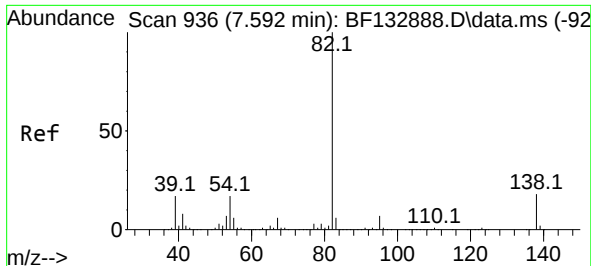


#23
Nitrobenzene-d5
Concen: 48.668 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

Tgt Ion: 82 Resp: 889113

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.7	53.5
54	57.2	44.7	67.1

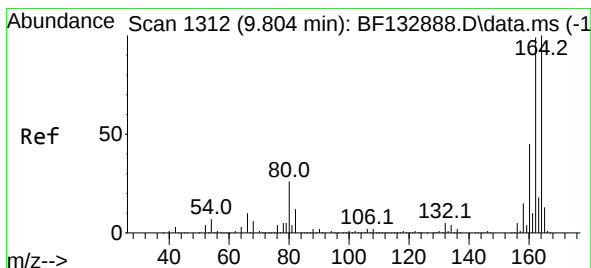
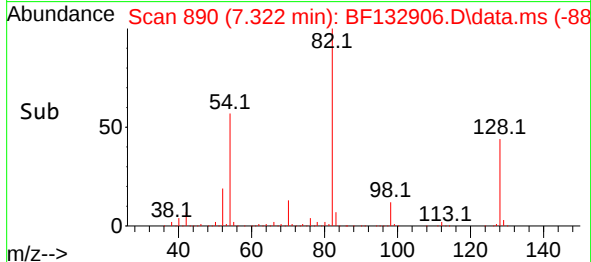
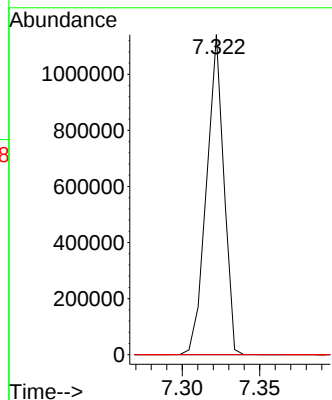
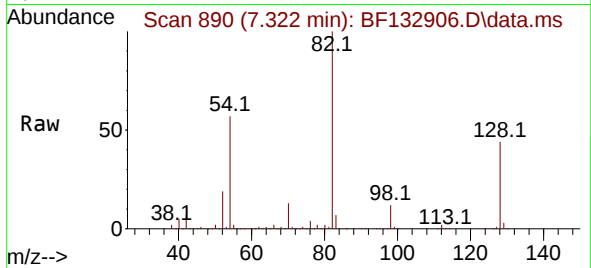




#25
Isophorone
Concen: 25.653 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.270 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

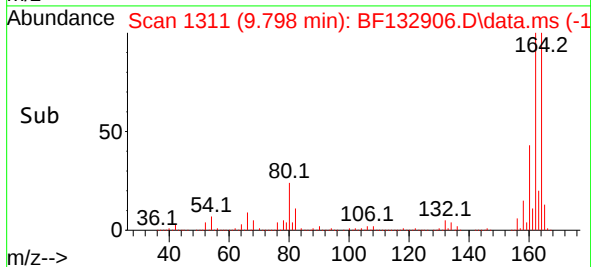
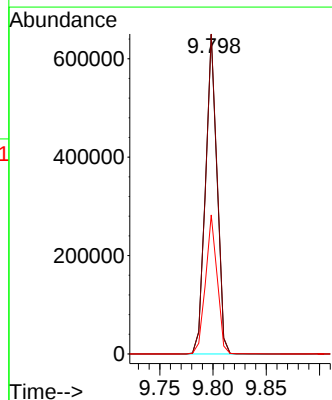
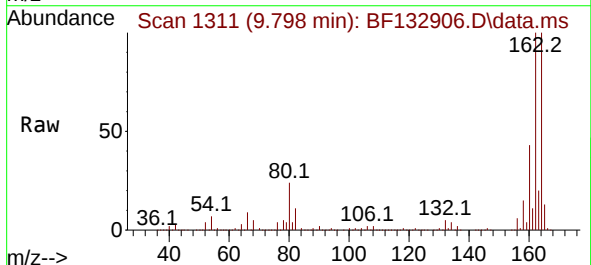
Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

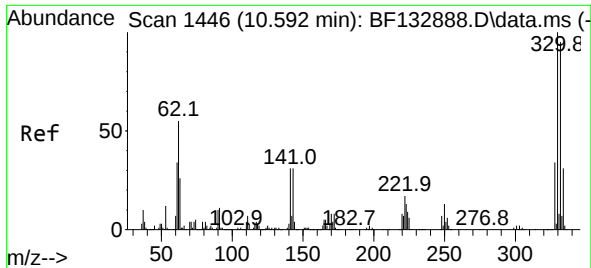
Tgt Ion: 82 Resp: 888936
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

Tgt Ion:164 Resp: 489778
Ion Ratio Lower Upper
164 100
162 100.2 79.1 118.7
160 43.5 35.6 53.4

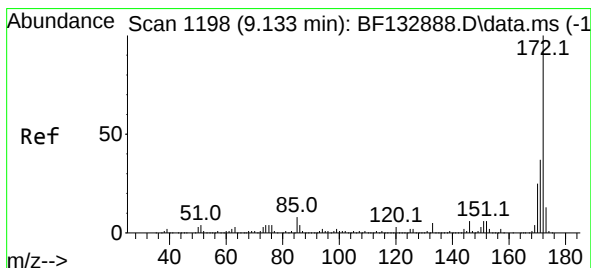
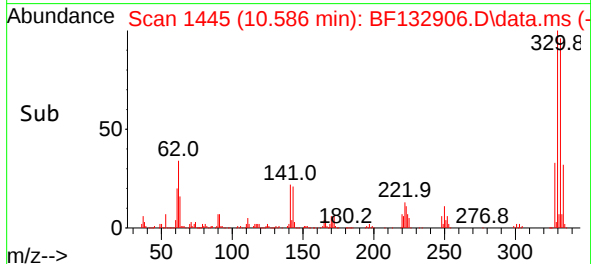
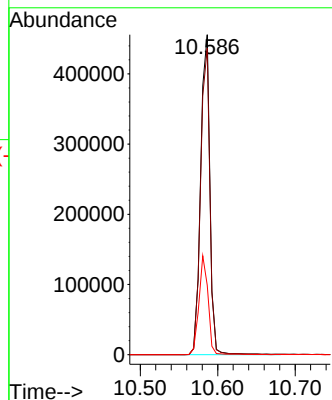
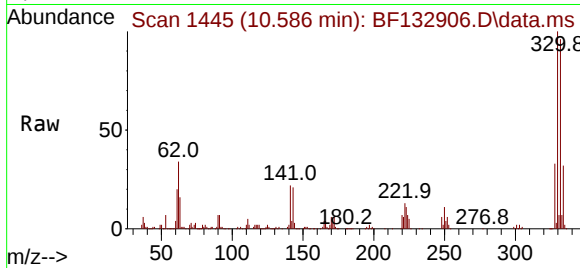




#42
 2,4,6-Tribromophenol
 Concen: 76.965 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.006 min
 Lab File: BF132906.D
 Acq: 18 Apr 2023 17:58

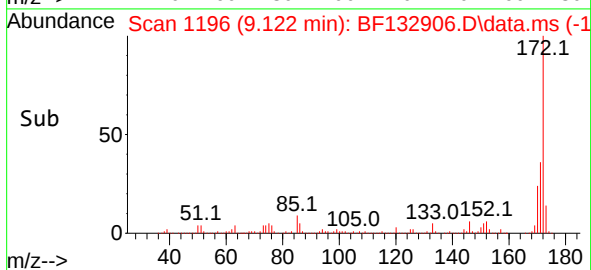
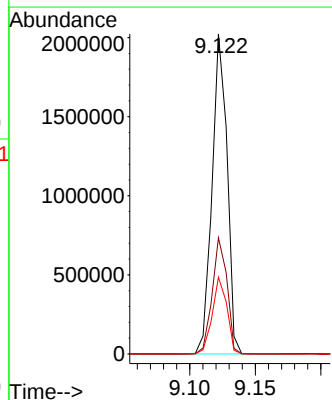
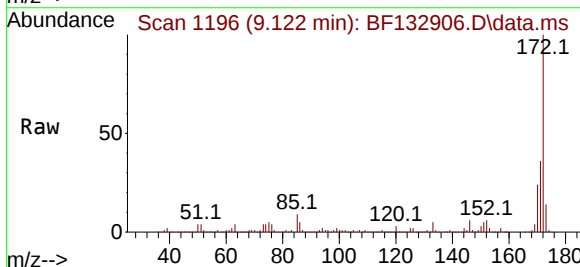
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 BNA_F
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 SB-21-COMP

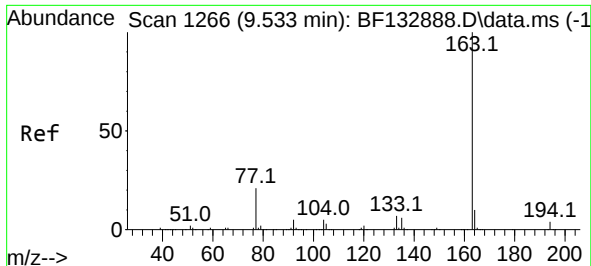
Tgt Ion:330 Resp: 378091
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.3 114.5
 141 30.7 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 50.462 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. -0.011 min
 Lab File: BF132906.D
 Acq: 18 Apr 2023 17:58

Tgt Ion:172 Resp: 1608814
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.0 20.1 30.1

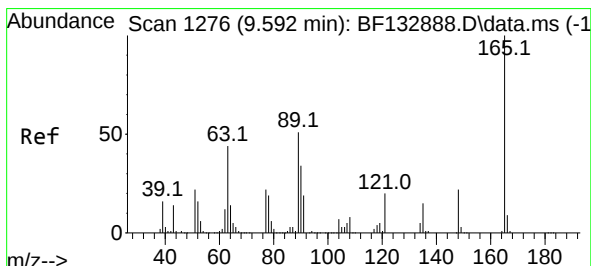
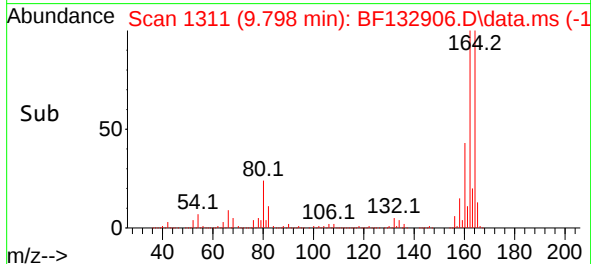
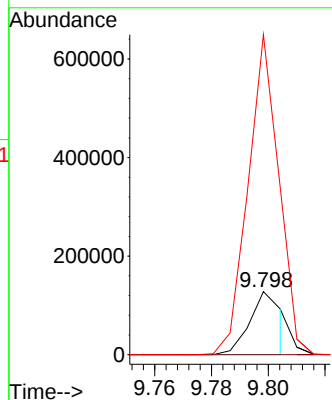
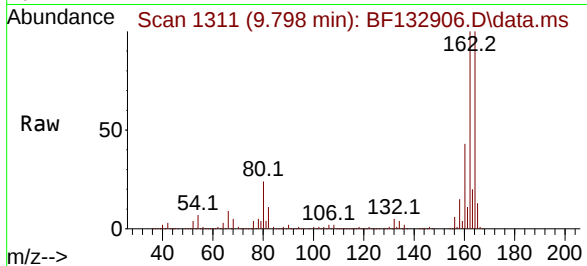




#50
Dimethylphthalate
Concen: 2.936 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

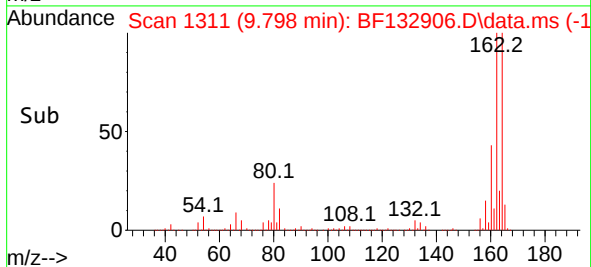
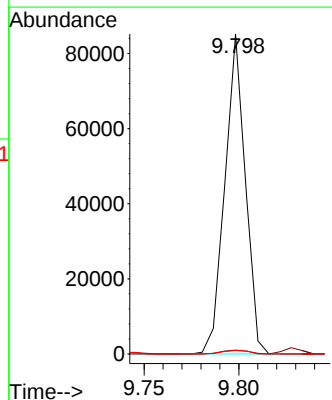
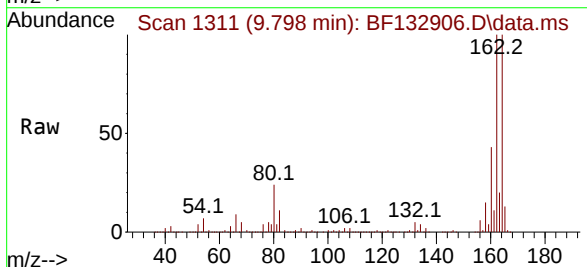
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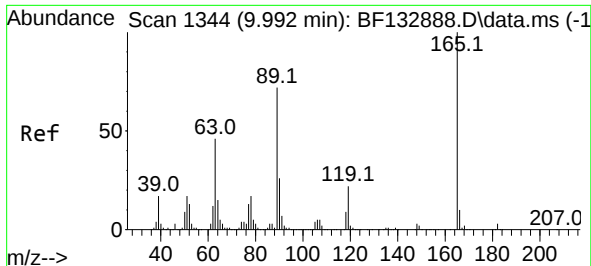
Tgt Ion:163 Resp: 99430
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 507.7 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.621 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

Tgt Ion:165 Resp: 64005
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.1 41.0 61.4#





#57

2,4-Dinitrotoluene

Concen: 6.985 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF132906.D

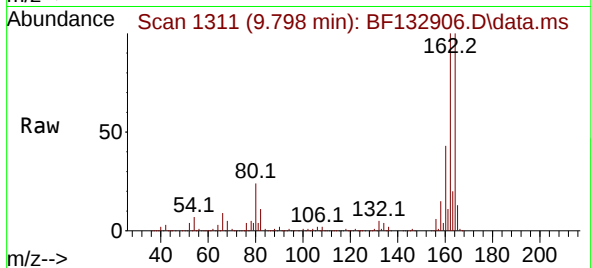
Acq: 18 Apr 2023 17:58

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP



Tgt Ion:165 Resp: 64005

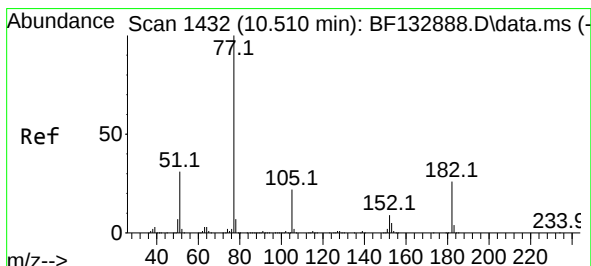
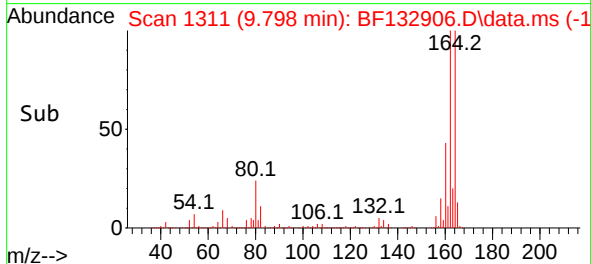
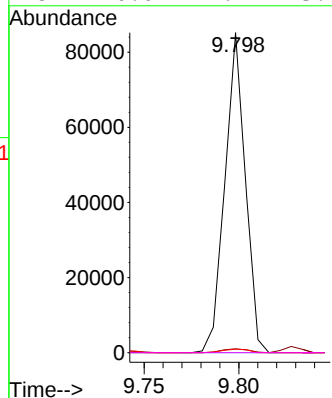
Ion Ratio Lower Upper

165 100

63 1.2 37.0 55.6#

89 1.1 57.8 86.6#

182 0.0 2.4 3.6#



#63

Azobenzene

Concen: 5.261 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF132906.D

Acq: 18 Apr 2023 17:58

Tgt Ion: 77 Resp: 185947

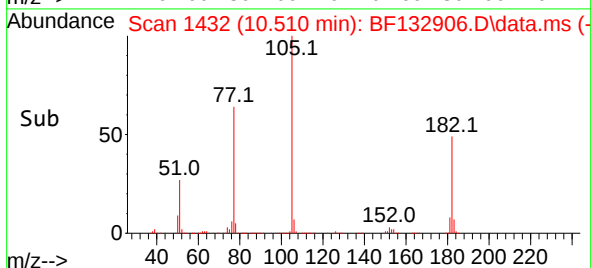
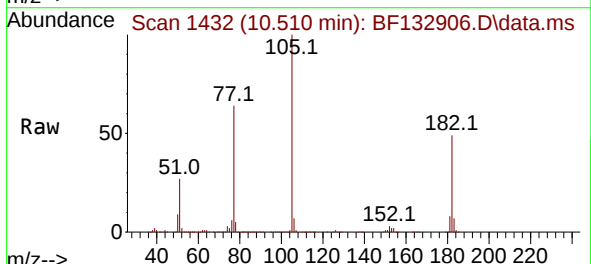
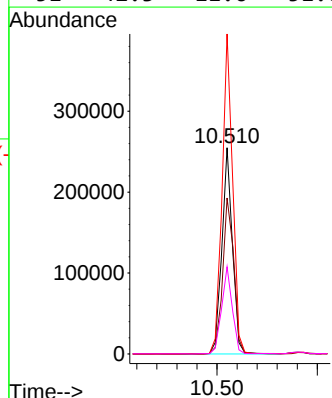
Ion Ratio Lower Upper

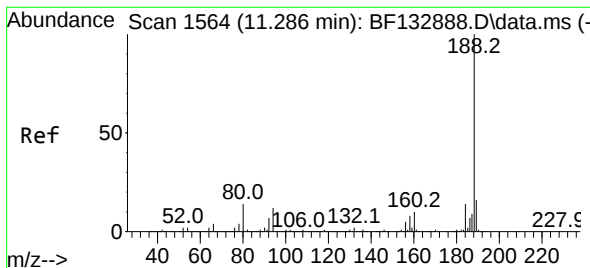
77 100

182 75.6 6.0 46.0#

105 155.1 1.6 41.6#

51 42.3 11.6 51.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.281 min Scan# 1

Delta R.T. -0.005 min

Lab File: BF132906.D

Acq: 18 Apr 2023 17:58

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

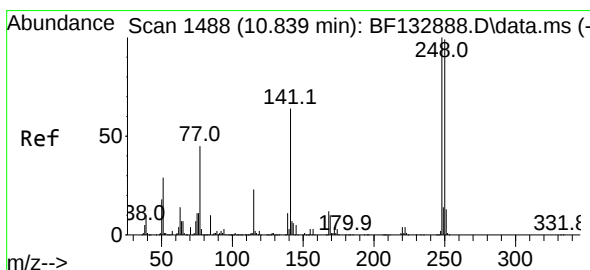
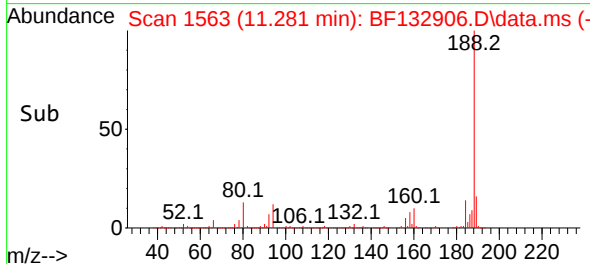
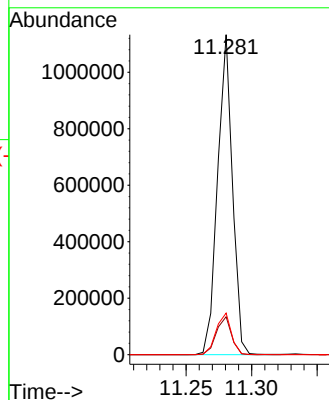
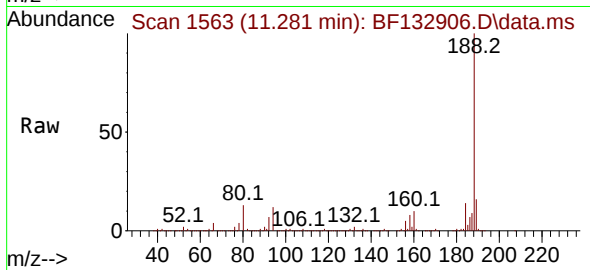
Tgt Ion:188 Resp: 891067

Ion Ratio Lower Upper

188 100

94 11.9 9.9 14.9

80 13.0 10.8 16.2



#67

4-Bromophenyl-phenylether

Concen: 2.320 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.253 min

Lab File: BF132906.D

Acq: 18 Apr 2023 17:58

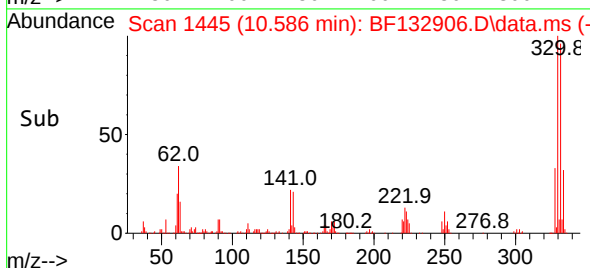
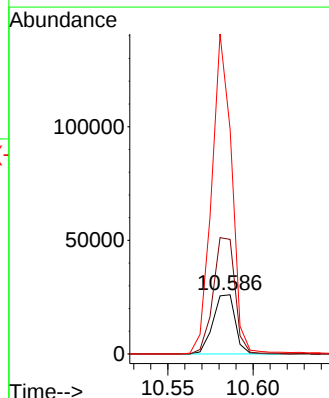
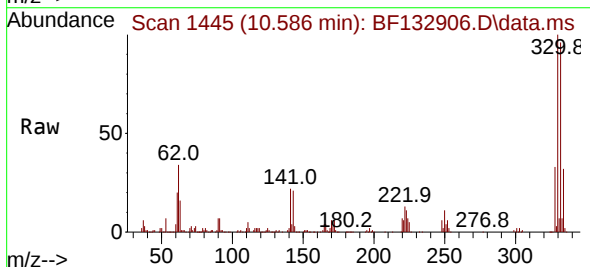
Tgt Ion:248 Resp: 23609

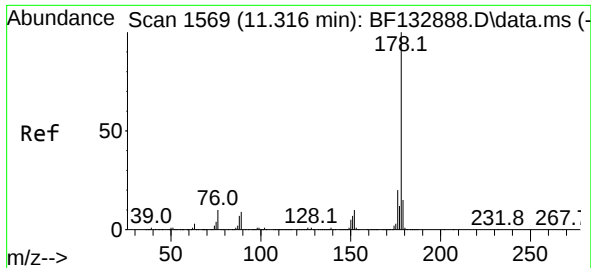
Ion Ratio Lower Upper

248 100

250 193.6 79.1 118.7#

141 379.7 51.0 76.6#

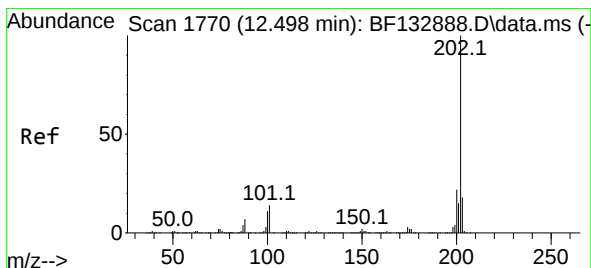
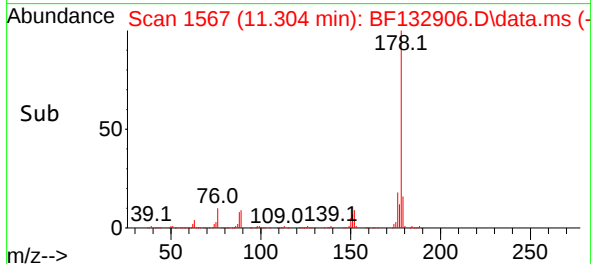
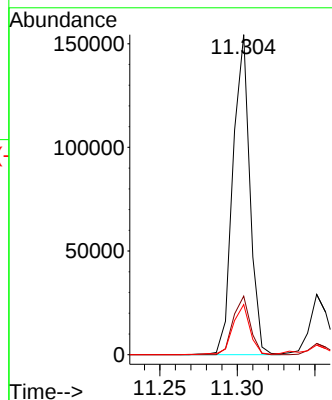
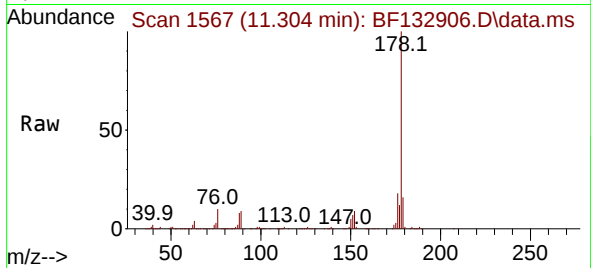




#71
Phenanthrene
Concen: 2.448 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

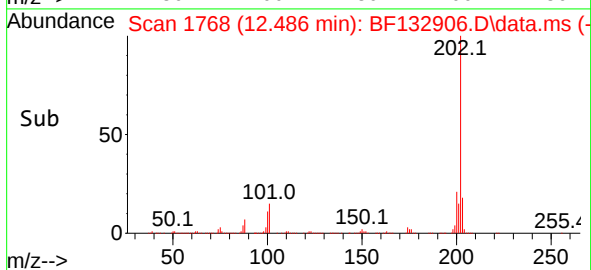
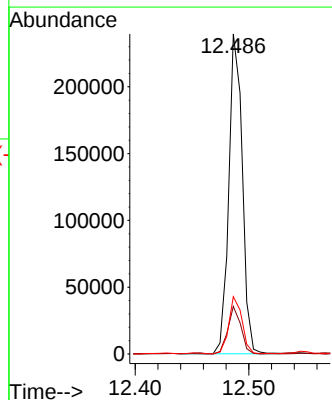
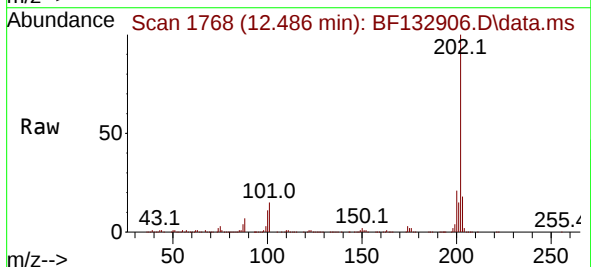
Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

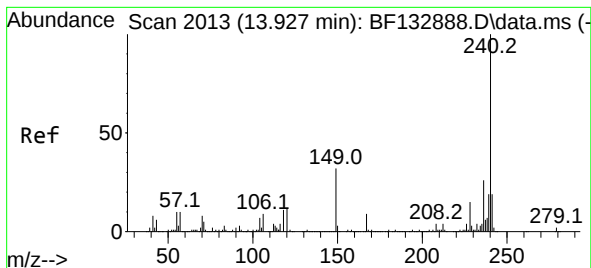
Tgt Ion:178 Resp: 117332
Ion Ratio Lower Upper
178 100
176 18.3 15.9 23.9
179 15.7 12.3 18.5



#75
Fluoranthene
Concen: 4.156 ng
RT: 12.486 min Scan# 1768
Delta R.T. -0.012 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

Tgt Ion:202 Resp: 198073
Ion Ratio Lower Upper
202 100
101 14.9 0.0 34.5
203 17.9 0.0 38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.916 min Scan# 20

Delta R.T. -0.011 min

Lab File: BF132906.D

Acq: 18 Apr 2023 17:58

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

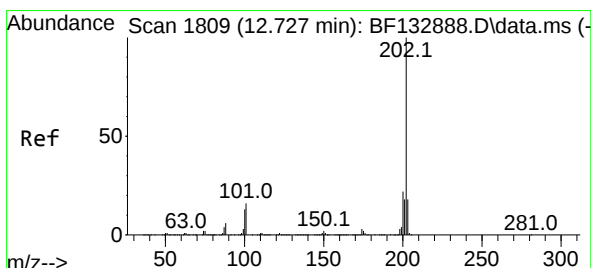
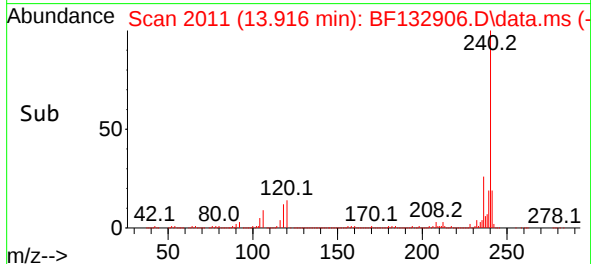
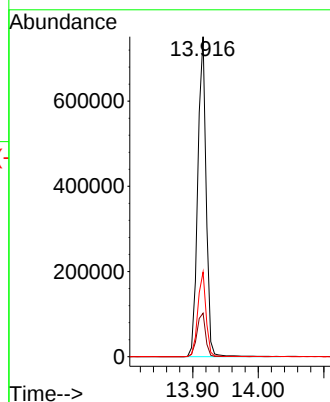
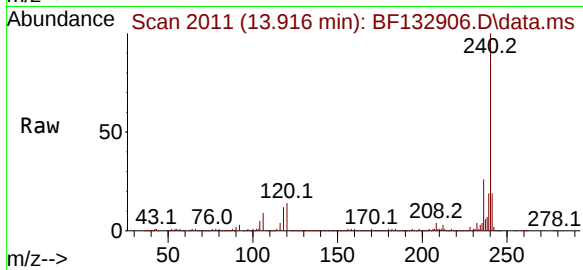
Tgt Ion:240 Resp: 668272

Ion Ratio Lower Upper

240 100

120 13.6 10.0 15.0

236 26.5 20.8 31.2



#78

Pyrene

Concen: 3.426 ng

RT: 12.716 min Scan# 1807

Delta R.T. -0.012 min

Lab File: BF132906.D

Acq: 18 Apr 2023 17:58

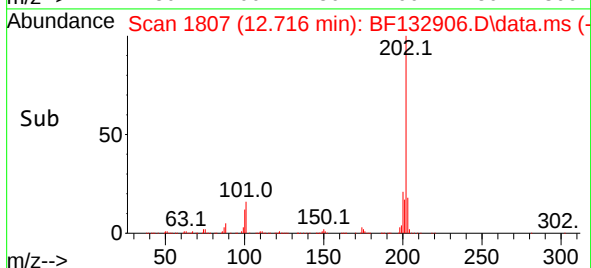
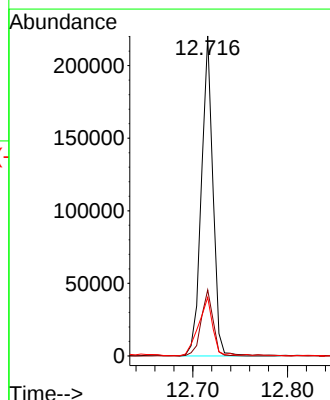
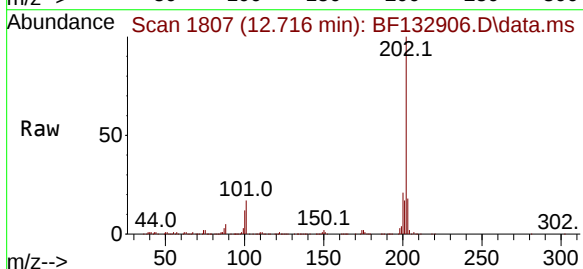
Tgt Ion:202 Resp: 187185

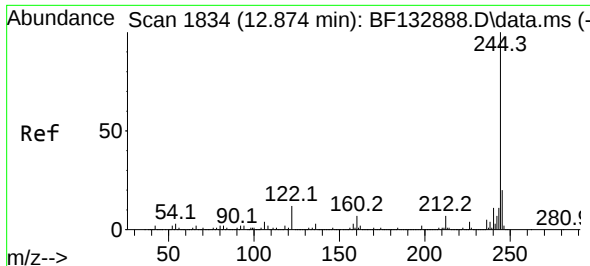
Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

203 18.3 14.6 22.0

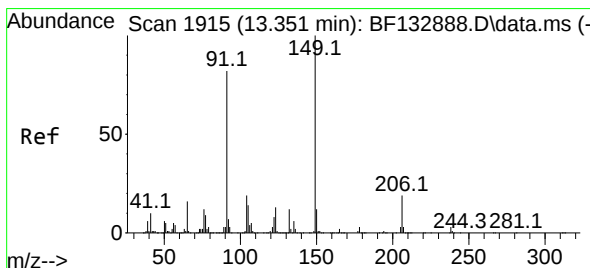
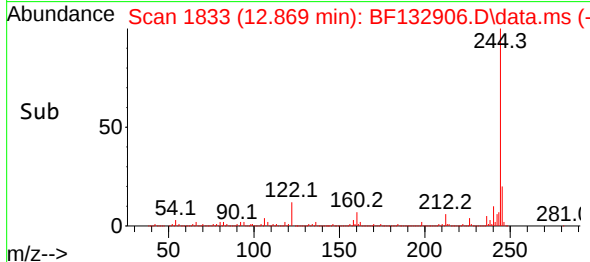
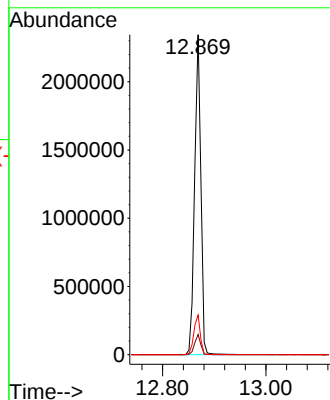
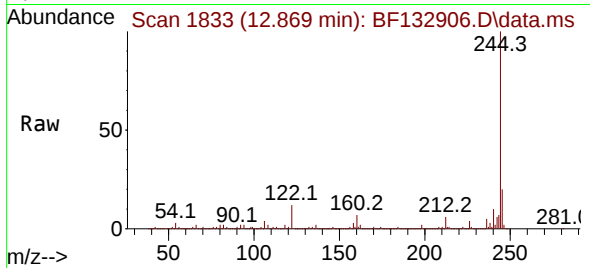




#79
 Terphenyl-d14
 Concen: 49.993 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF132906.D
 Acq: 18 Apr 2023 17:58

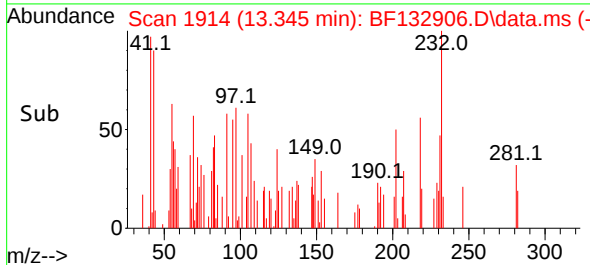
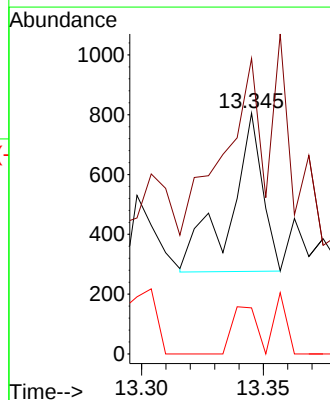
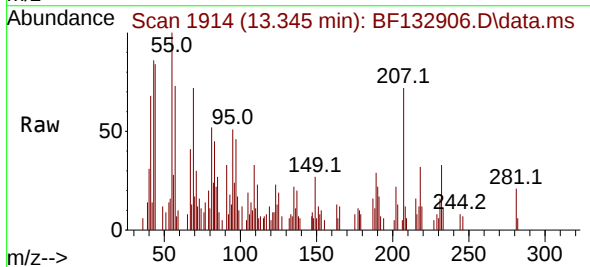
Instrument :
 BNA_F
 ClientSampleId :
 SB-21-COMP

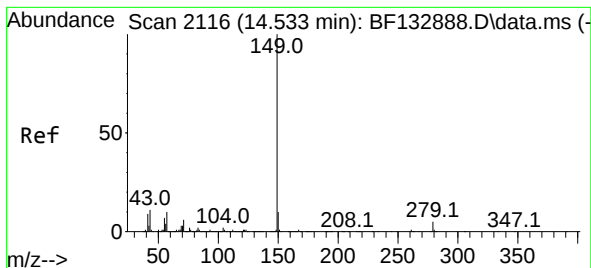
Tgt Ion:244 Resp: 1958243
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 12.4 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 5.167 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BF132906.D
 Acq: 18 Apr 2023 17:58

Tgt Ion:149 Resp: 490
 Ion Ratio Lower Upper
 149 100
 91 122.7 65.4 98.0#
 206 19.1 15.6 23.4





#85

Di-n-octyl phthalate

Concen: 6.404 ng

RT: 14.522 min Scan# 2114

Delta R.T. -0.011 min

Lab File: BF132906.D

Acq: 18 Apr 2023 17:58

Instrument :

BNA_F

ClientSampleId :

SB-21-COMP

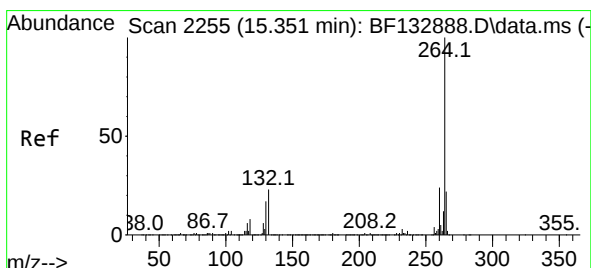
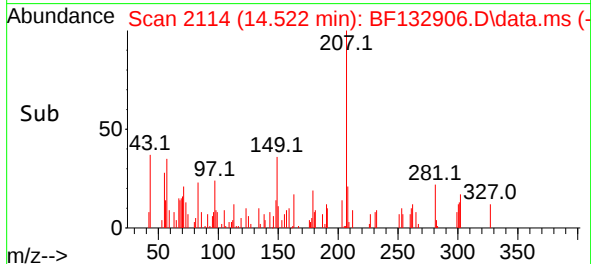
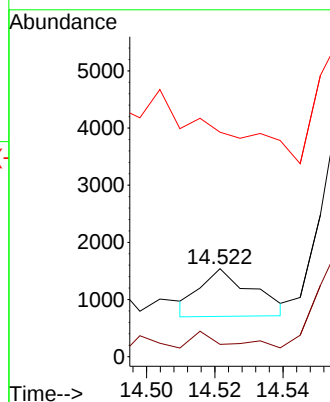
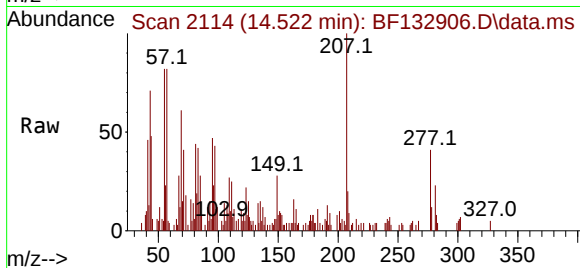
Tgt Ion:149 Resp: 888

Ion Ratio Lower Upper

149 100

167 30.5 1.2 1.8#

43 0.0 11.5 17.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.345 min Scan# 2254

Delta R.T. -0.006 min

Lab File: BF132906.D

Acq: 18 Apr 2023 17:58

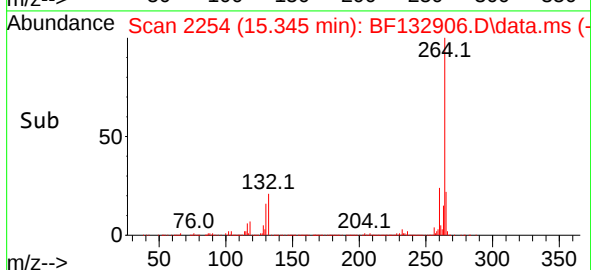
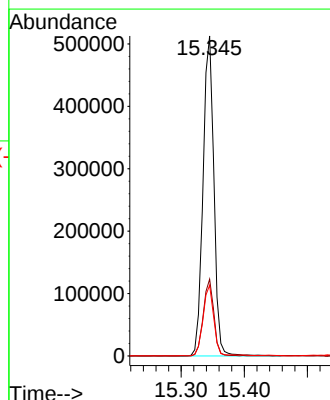
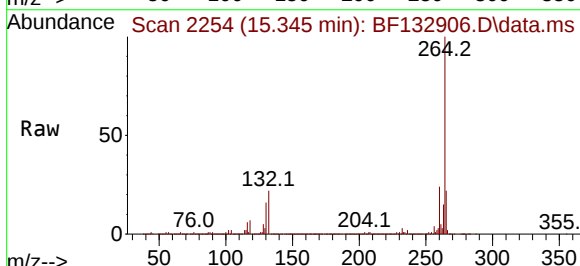
Tgt Ion:264 Resp: 615880

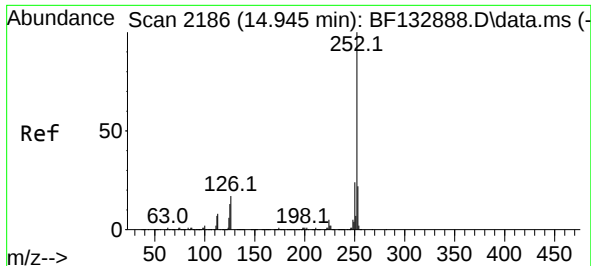
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.1 17.7 26.5

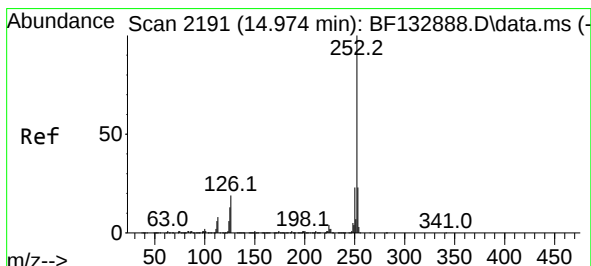
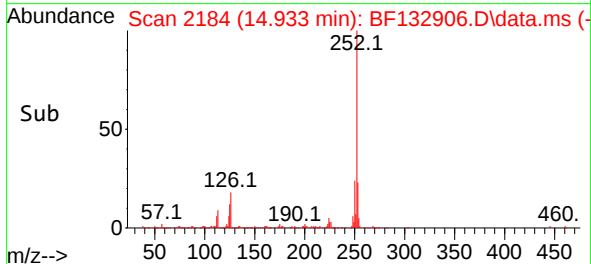
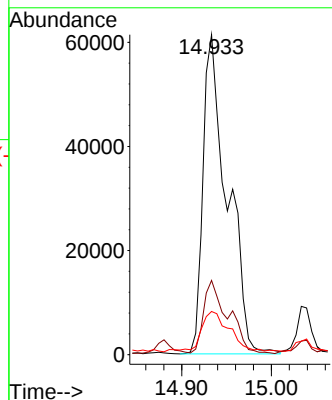
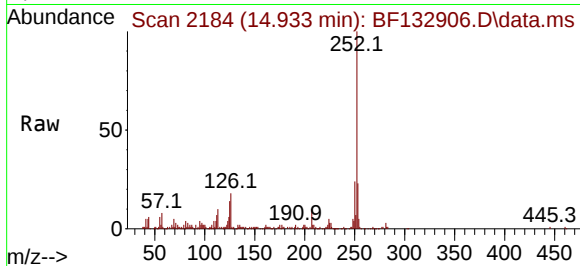




#88
Benzo(b)fluoranthene
Concen: 3.003 ng
RT: 14.933 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

Instrument :
BNA_F
ClientSampleId :
SB-21-COMP

Tgt Ion:252 Resp: 115208
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 13.5 10.0 15.0



#89
Benzo(k)fluoranthene
Concen: 3.015 ng
RT: 14.933 min Scan# 2184
Delta R.T. -0.041 min
Lab File: BF132906.D
Acq: 18 Apr 2023 17:58

Tgt Ion:252 Resp: 115208
Ion Ratio Lower Upper
252 100
253 23.2 18.0 27.0
125 13.5 10.0 15.0

