

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041823\
 Data File : BF132909.D
 Acq On : 18 Apr 2023 19:30
 Operator : CG\JU
 Sample : 02371-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Quant Time: Apr 19 03:28:43 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)

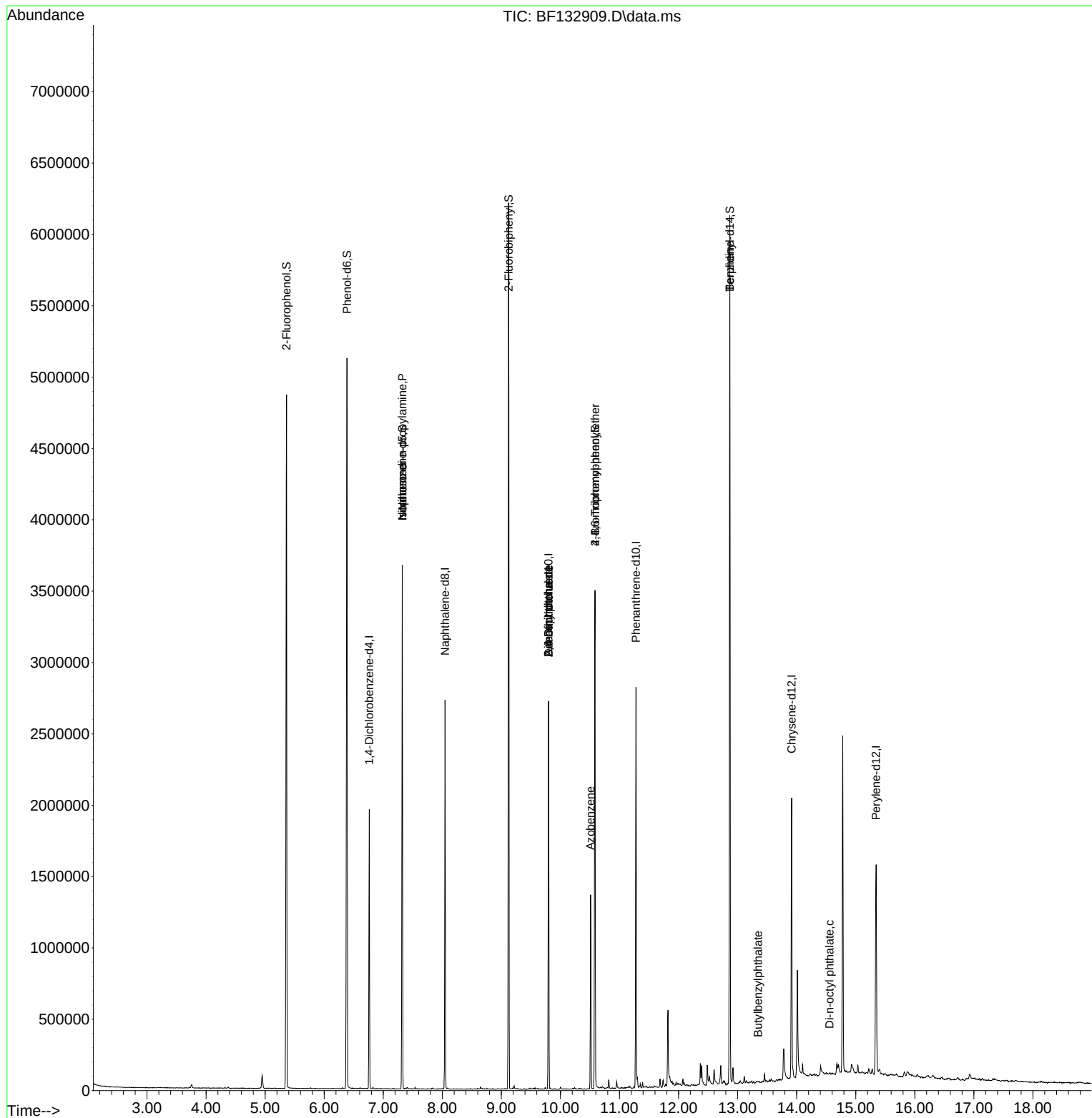
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	235895	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	942723	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	484863	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	872165	20.000	ng	0.00
76) Chrysene-d12	13.915	240	615072	20.000	ng	-0.01
86) Perylene-d12	15.345	264	605814	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1282192	84.992	ng	0.00
7) Phenol-d6	6.386	99	1616020	83.948	ng	-0.01
23) Nitrobenzene-d5	7.322	82	974575	53.886	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	403710	83.013	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1726393	54.698	ng	-0.01
79) Terphenyl-d14	12.868	244	2006523	55.657	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	128683	10.709	ng	# 82
25) Isophorone	7.322	82	973631	28.381	ng	# 65
50) Dimethylphthalate	9.798	163	91874	2.741	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	62249	8.470	ng	# 28
57) 2,4-Dinitrotoluene	9.798	165	62249	6.863	ng	# 23
63) Azobenzene	10.510	77	218881	6.256	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	24815	2.492	ng	# 1
77) Benzidine	12.868	184	22812	2.381	ng	# 94
80) Butylbenzylphthalate	13.345	149	708	5.186	ng	# 31
85) Di-n-octyl phthalate	14.557	149	1100	6.411	ng	# 1

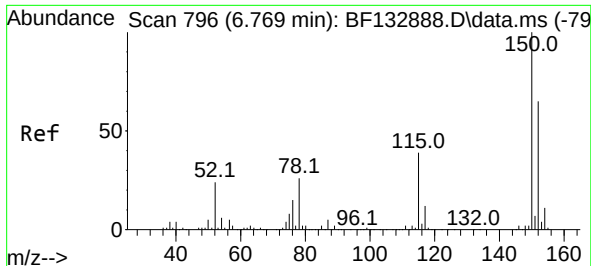
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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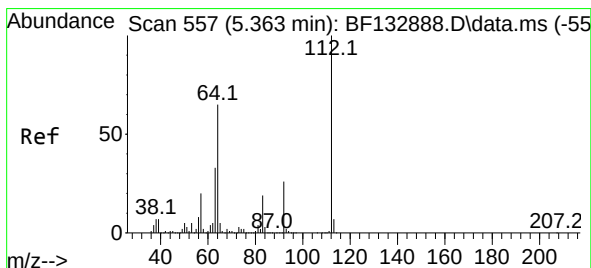
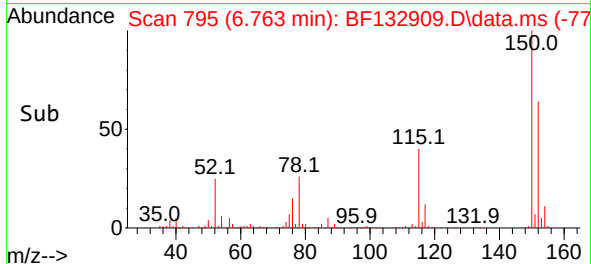
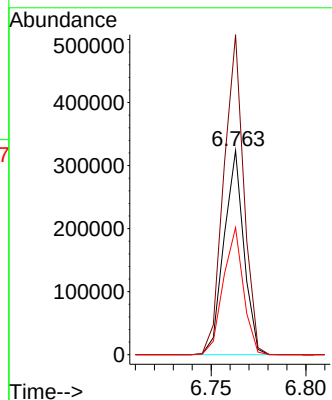
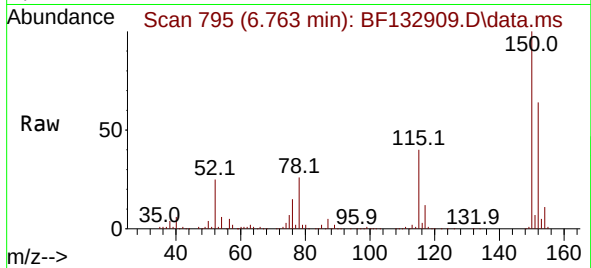




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.763 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: BF132909.D
 Acq: 18 Apr 2023 19:30

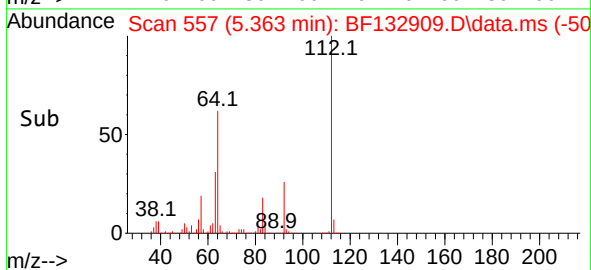
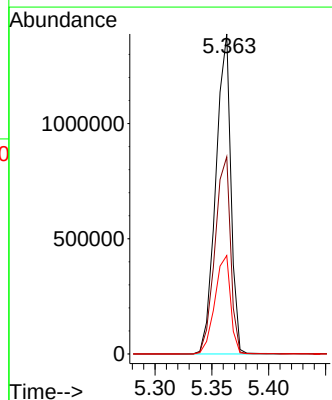
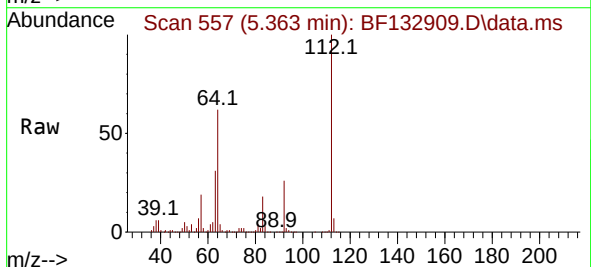
Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

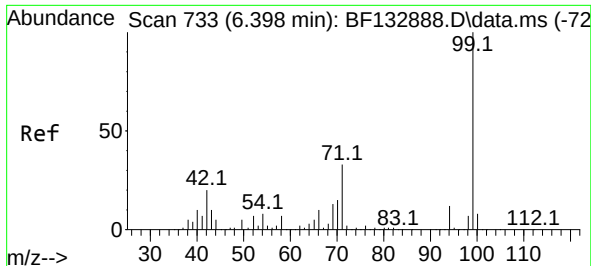
Tgt Ion:152 Resp: 235895
 Ion Ratio Lower Upper
 152 100
 150 156.8 122.8 184.2
 115 62.2 47.3 70.9



#5
 2-Fluorophenol
 Concen: 84.992 ng
 RT: 5.363 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: BF132909.D
 Acq: 18 Apr 2023 19:30

Tgt Ion:112 Resp: 1282192
 Ion Ratio Lower Upper
 112 100
 64 61.6 51.8 77.8
 63 30.8 26.3 39.5

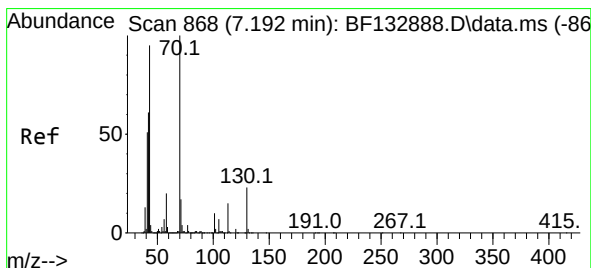
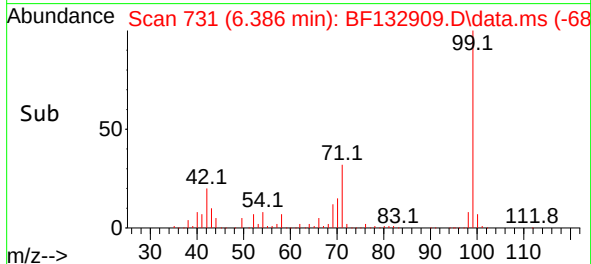
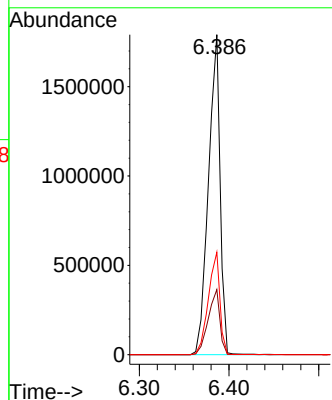
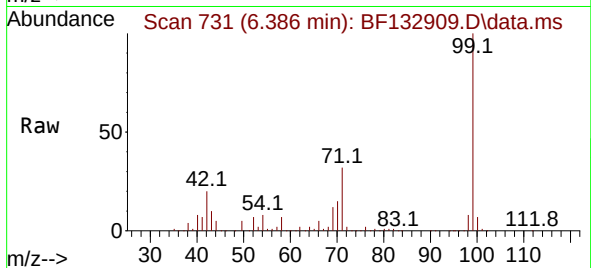




#7
Phenol-d6
Concen: 83.948 ng
RT: 6.386 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

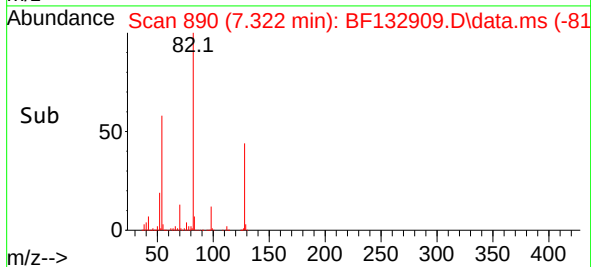
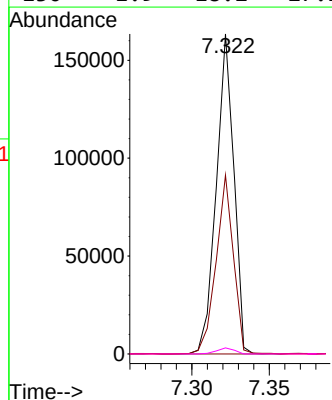
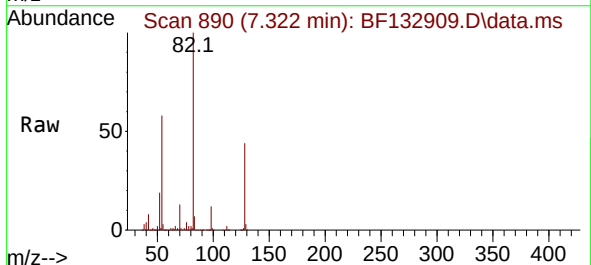
Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

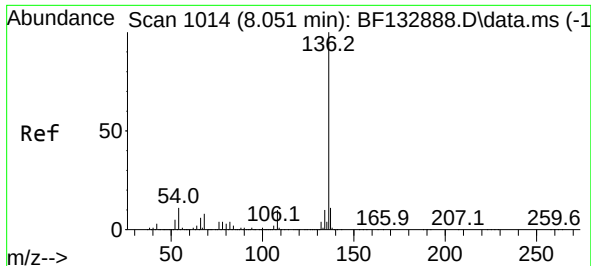
Tgt Ion: 99 Resp: 1616020
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 32.0 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 10.709 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.129 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

Tgt Ion: 70 Resp: 128683
Ion Ratio Lower Upper
70 100
42 55.9 49.0 73.6
101 0.0 8.1 12.1#
130 1.9 18.2 27.2#



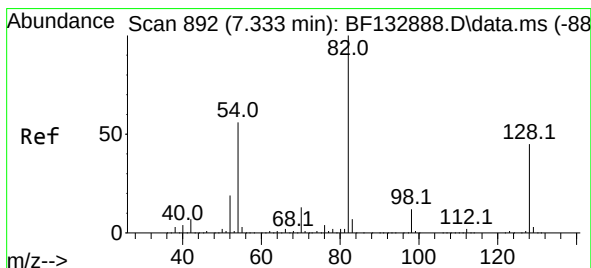
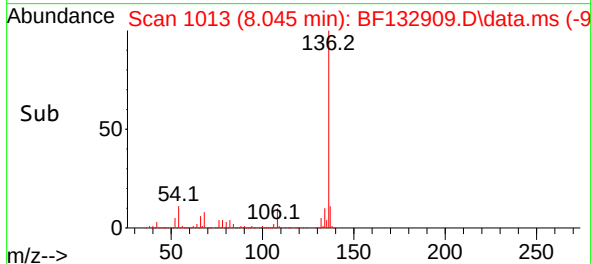
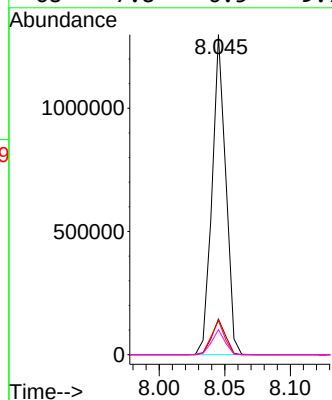
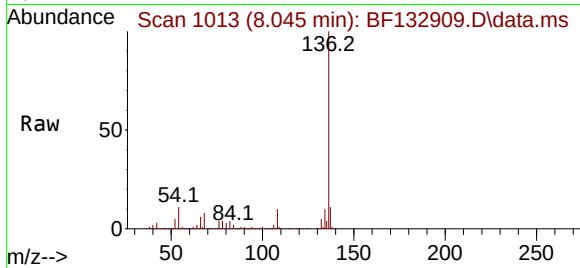


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

Tgt Ion:136 Resp: 942723

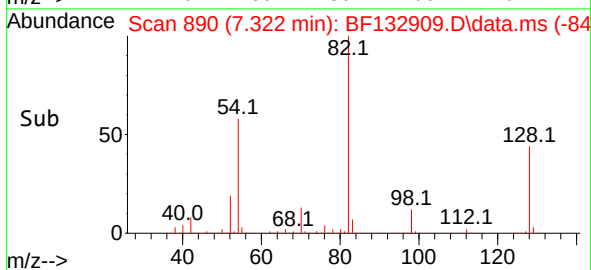
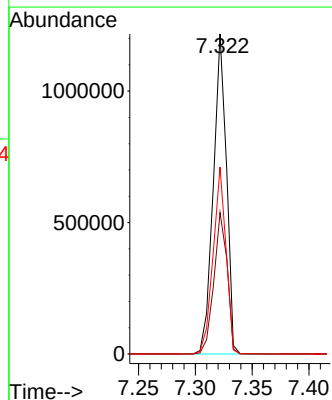
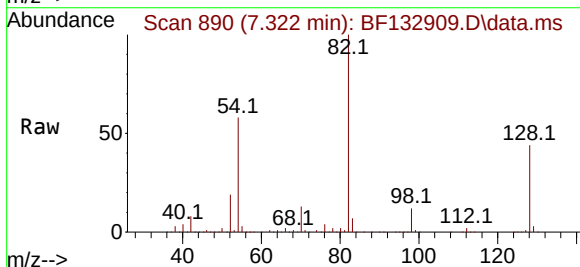
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	10.7	8.9	13.3
68	7.8	6.5	9.7

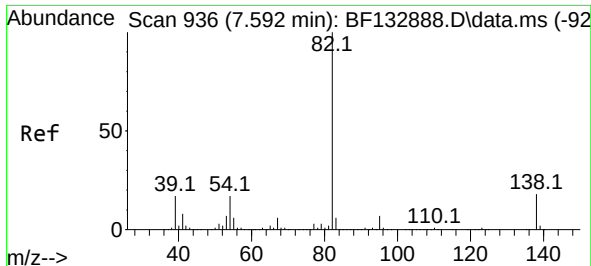


#23
Nitrobenzene-d5
Concen: 53.886 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

Tgt Ion: 82 Resp: 974575

Ion	Ratio	Lower	Upper
82	100		
128	44.2	35.7	53.5
54	58.4	44.7	67.1

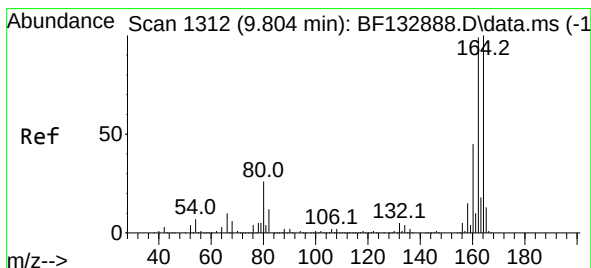
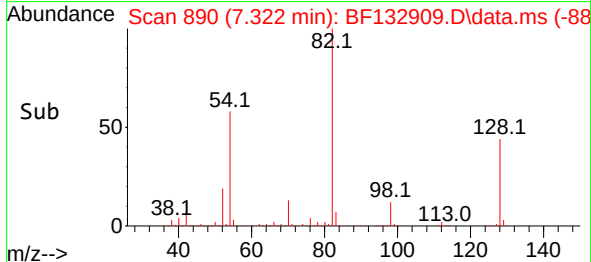
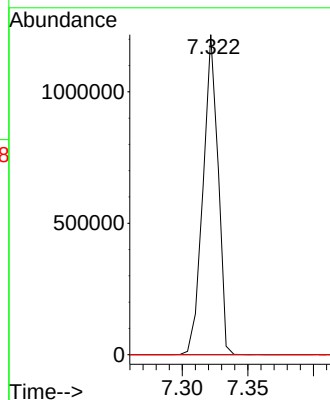
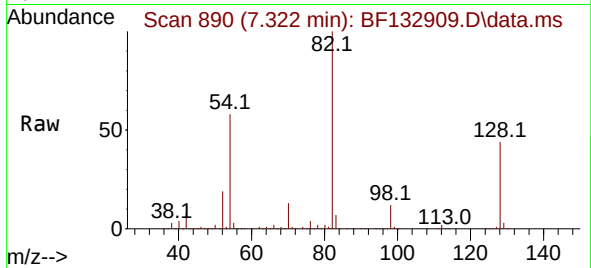




#25
Isophorone
Concen: 28.381 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

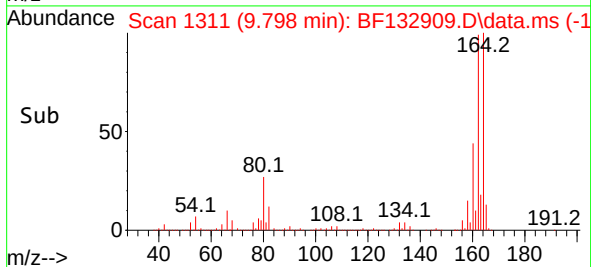
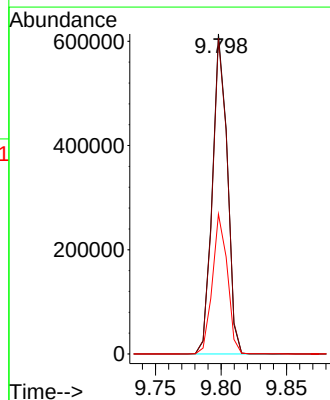
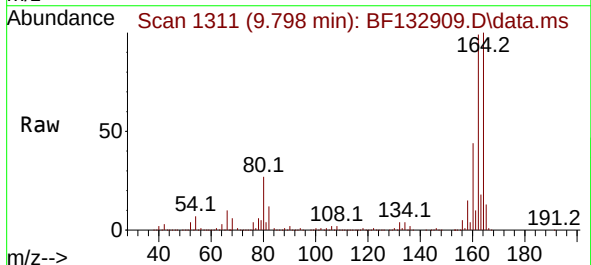
Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

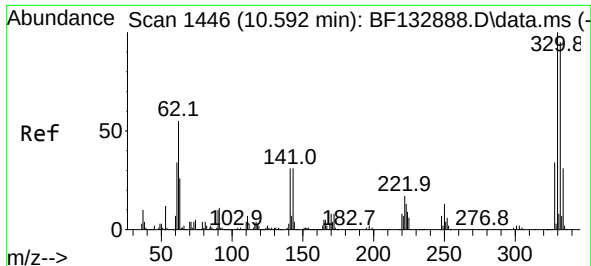
Tgt Ion: 82 Resp: 973631
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

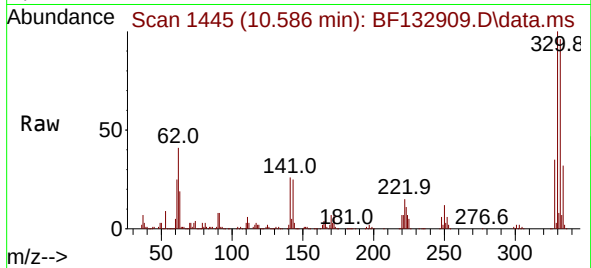
Tgt Ion: 164 Resp: 484863
Ion Ratio Lower Upper
164 100
162 98.7 79.1 118.7
160 43.7 35.6 53.4



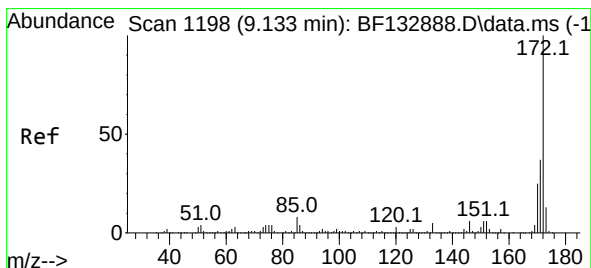
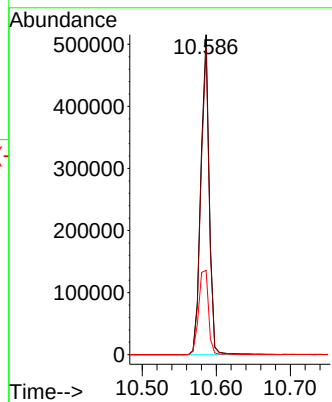
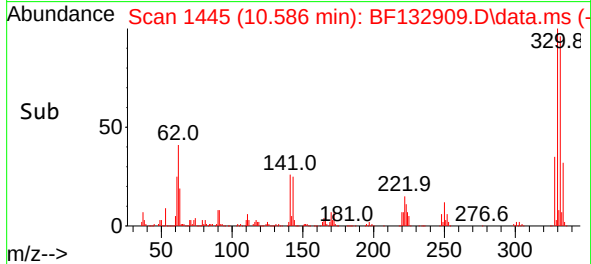


#42
2,4,6-Tribromophenol
Concen: 83.013 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

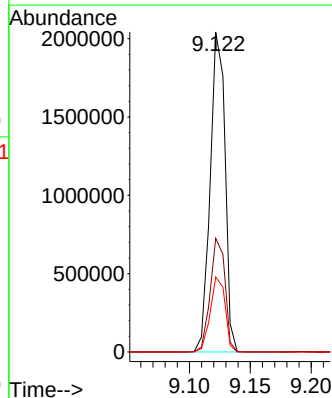
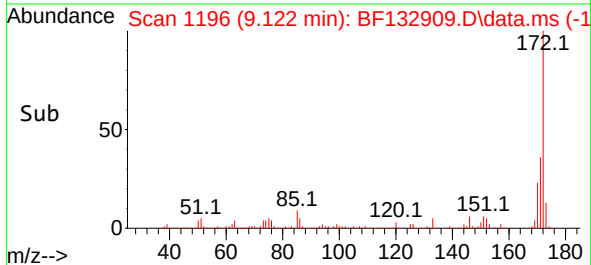
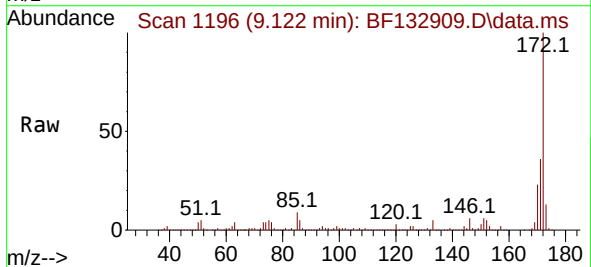


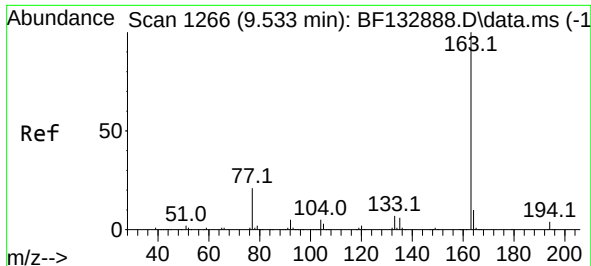
Tgt Ion:330 Resp: 403710
Ion Ratio Lower Upper
330 100
332 95.7 76.3 114.5
141 31.1 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 54.698 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

Tgt Ion:172 Resp: 1726393
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.4 20.1 30.1

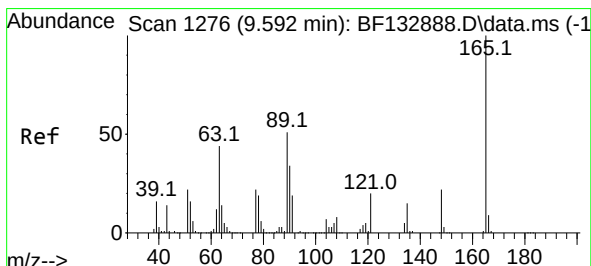
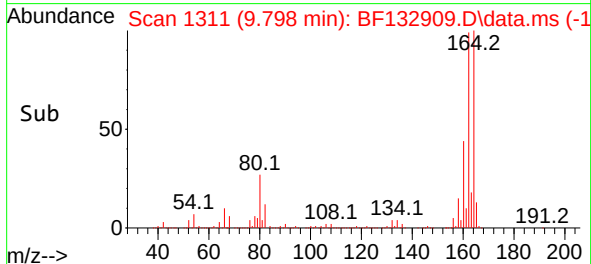
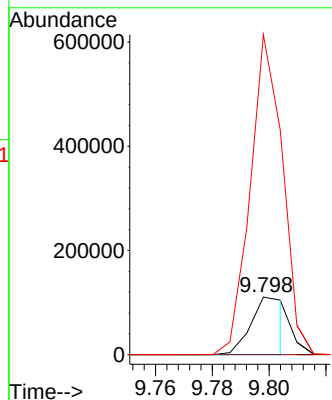
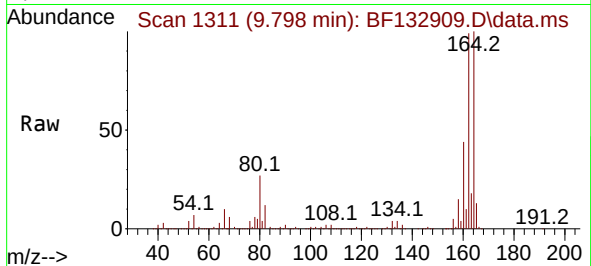




#50
Dimethylphthalate
Concen: 2.741 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

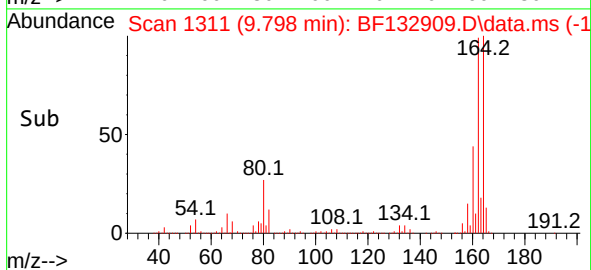
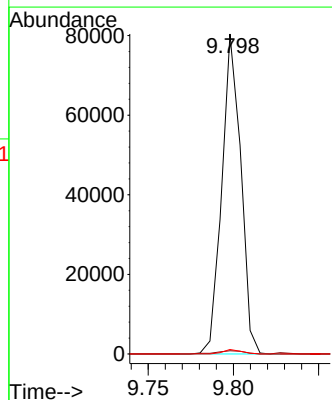
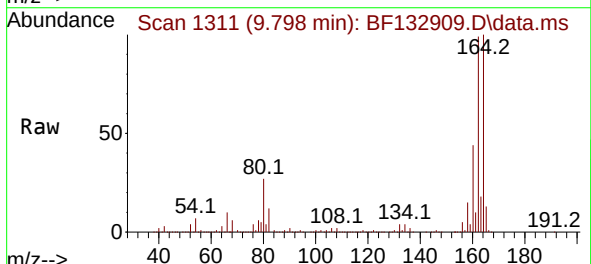
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ClientSampleId :
SB-20-COMP

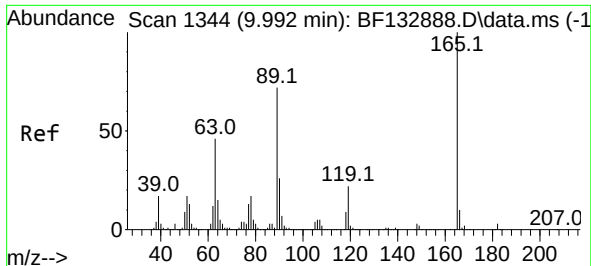
Tgt Ion:163 Resp: 91874
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 555.8 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.470 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

Tgt Ion:165 Resp: 62249
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.4 41.0 61.4#





#57

2,4-Dinitrotoluene

Concen: 6.863 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF132909.D

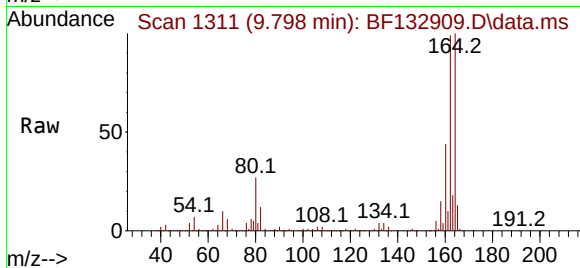
Acq: 18 Apr 2023 19:30

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP



Tgt Ion:165 Resp: 62249

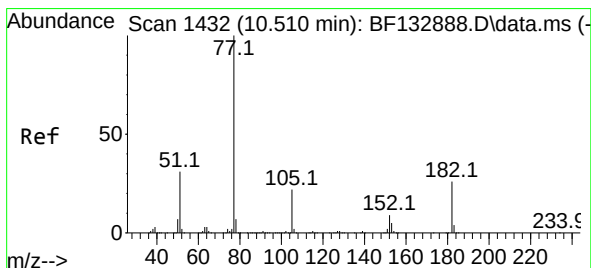
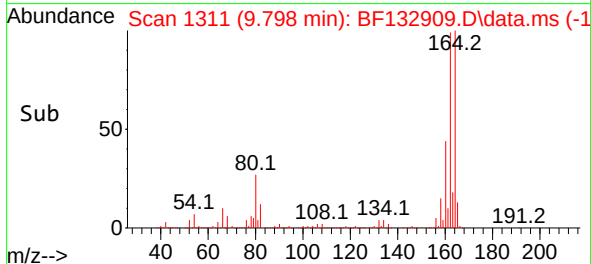
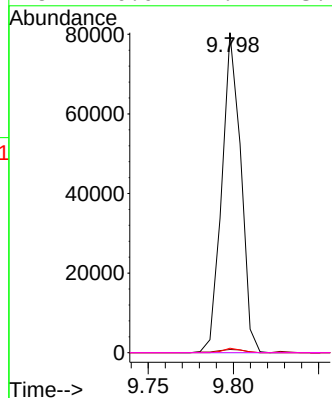
Ion Ratio Lower Upper

165 100

63 1.0 37.0 55.6#

89 1.4 57.8 86.6#

182 0.0 2.4 3.6#



#63

Azobenzene

Concen: 6.256 ng

RT: 10.510 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF132909.D

Acq: 18 Apr 2023 19:30

Tgt Ion: 77 Resp: 218881

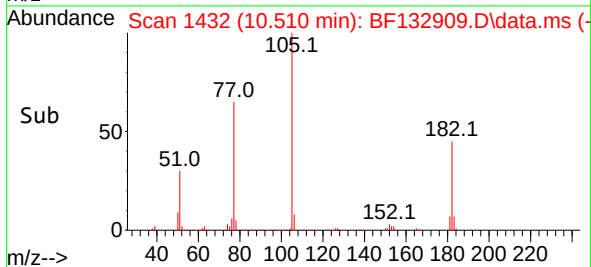
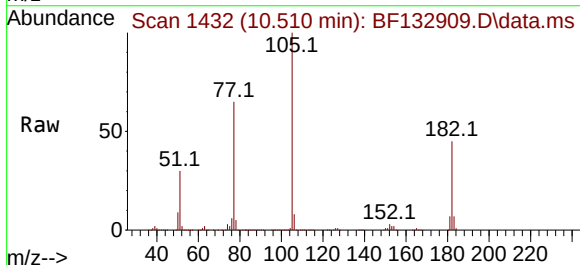
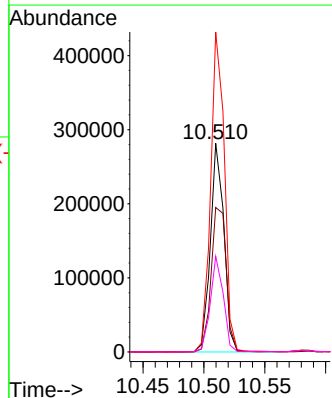
Ion Ratio Lower Upper

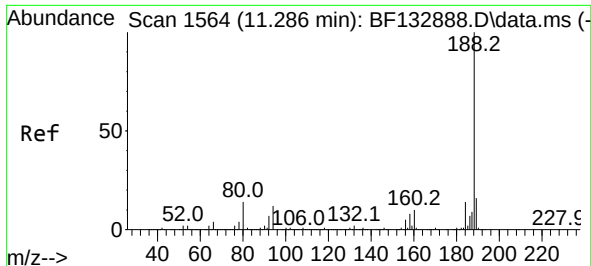
77 100

182 69.3 6.0 46.0#

105 153.4 1.6 41.6#

51 45.9 11.6 51.6

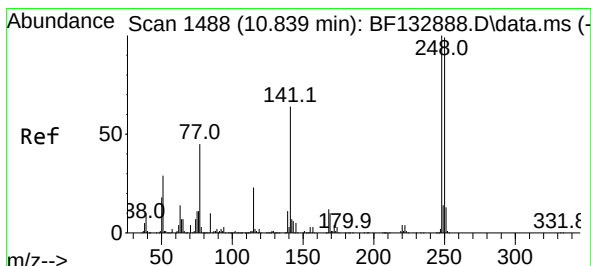
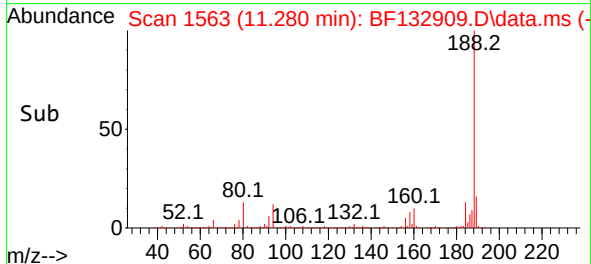
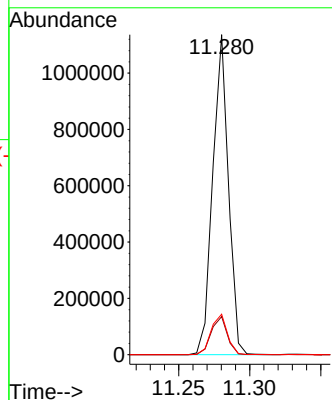
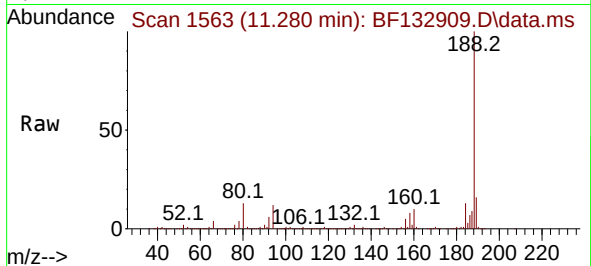




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

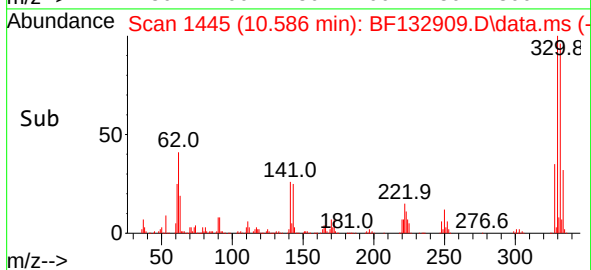
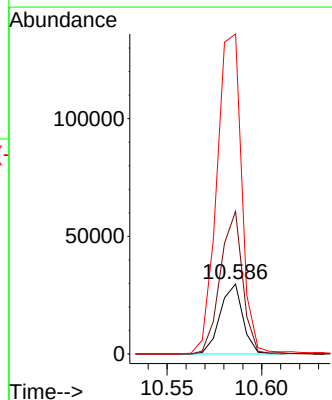
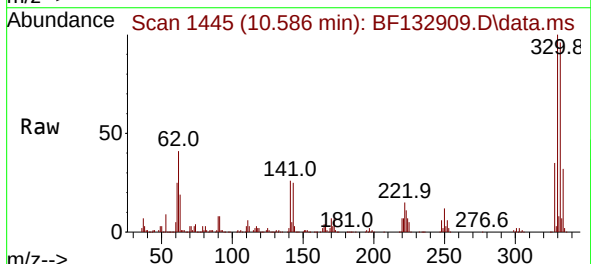
Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

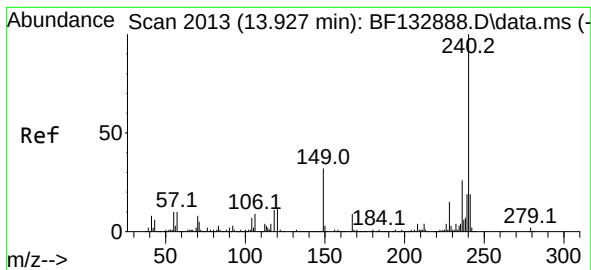
Tgt Ion:188 Resp: 872165
Ion Ratio Lower Upper
188 100
94 11.9 9.9 14.9
80 12.7 10.8 16.2



#67
4-Bromophenyl-phenylether
Concen: 2.492 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF132909.D
Acq: 18 Apr 2023 19:30

Tgt Ion:248 Resp: 24815
Ion Ratio Lower Upper
248 100
250 203.5 79.1 118.7#
141 457.1 51.0 76.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.915 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF132909.D

Acq: 18 Apr 2023 19:30

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

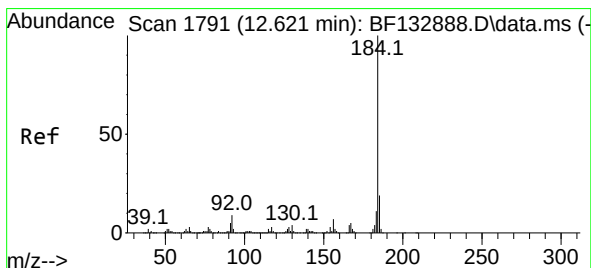
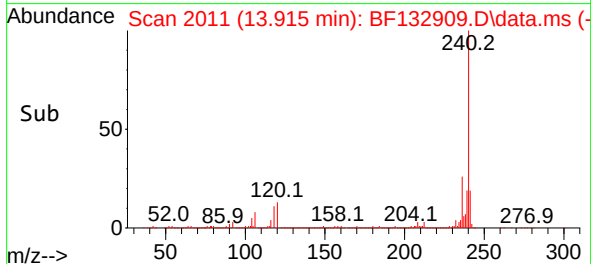
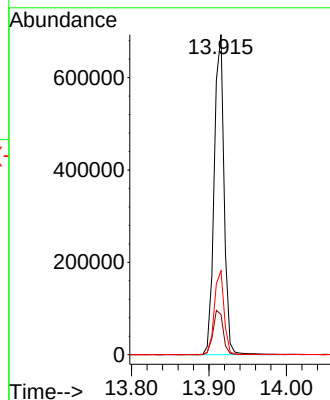
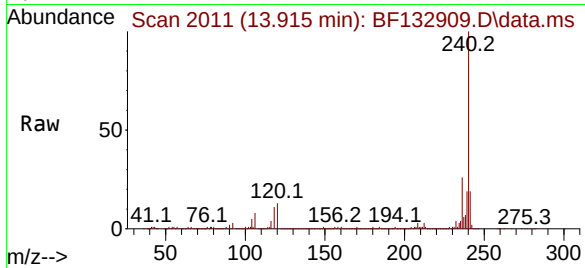
Tgt Ion:240 Resp: 615072

Ion Ratio Lower Upper

240 100

120 12.6 10.0 15.0

236 26.2 20.8 31.2



#77

Benzidine

Concen: 2.381 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.247 min

Lab File: BF132909.D

Acq: 18 Apr 2023 19:30

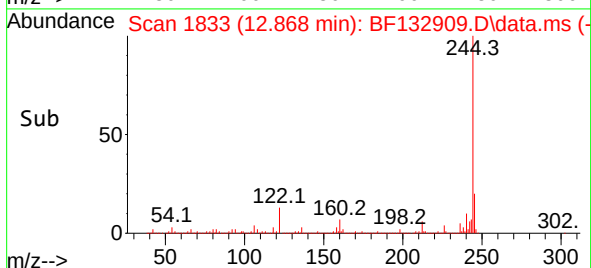
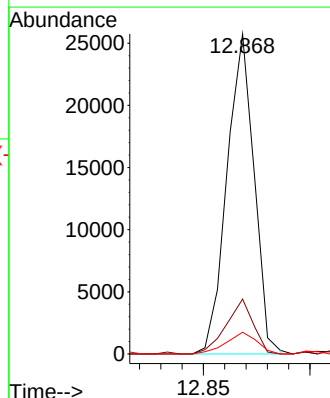
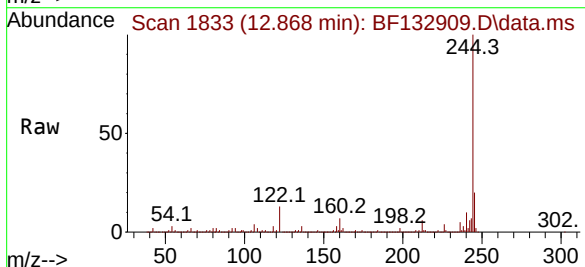
Tgt Ion:184 Resp: 22812

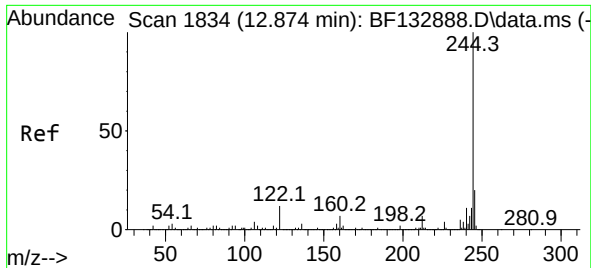
Ion Ratio Lower Upper

184 100

185 17.2 14.9 22.3

183 6.8 9.0 13.6#

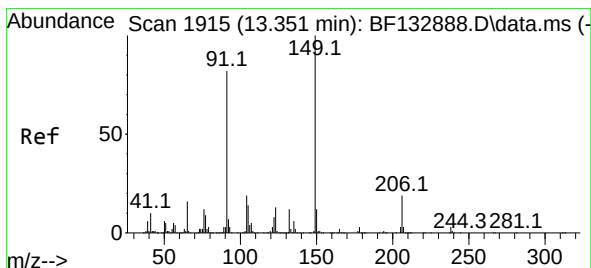
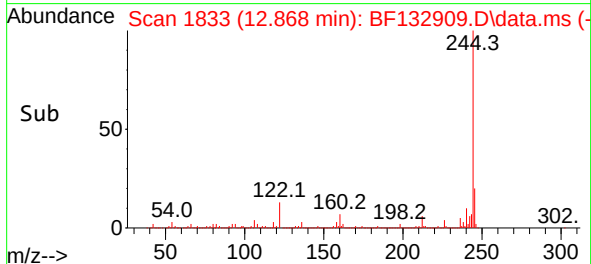
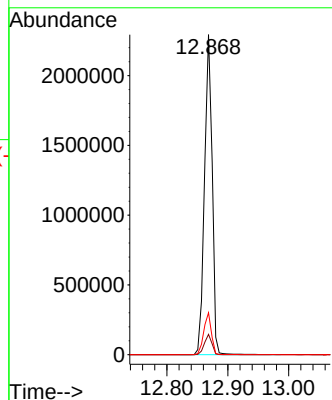
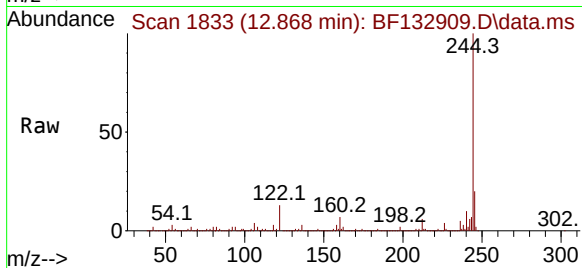




#79
 Terphenyl-d14
 Concen: 55.657 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF132909.D
 Acq: 18 Apr 2023 19:30

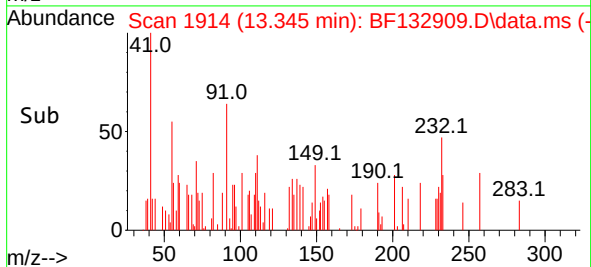
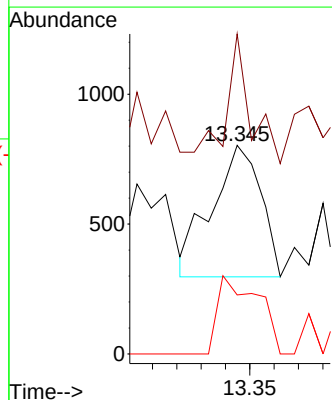
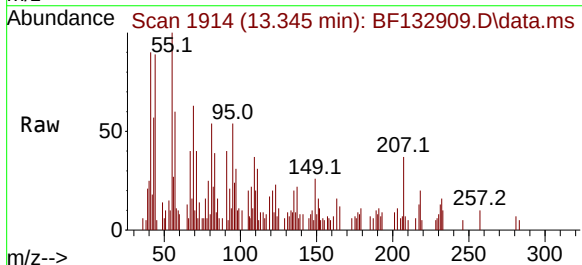
Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

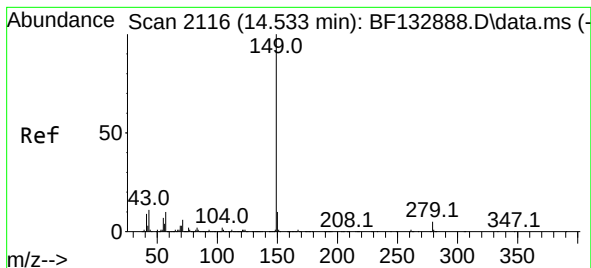
Tgt Ion:244 Resp: 2006523
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 13.1 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 5.186 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BF132909.D
 Acq: 18 Apr 2023 19:30

Tgt Ion:149 Resp: 708
 Ion Ratio Lower Upper
 149 100
 91 153.4 65.4 98.0#
 206 28.3 15.6 23.4#





#85

Di-n-octyl phthalate

Concen: 6.411 ng

RT: 14.557 min Scan# 2116

Delta R.T. 0.024 min

Lab File: BF132909.D

Acq: 18 Apr 2023 19:30

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

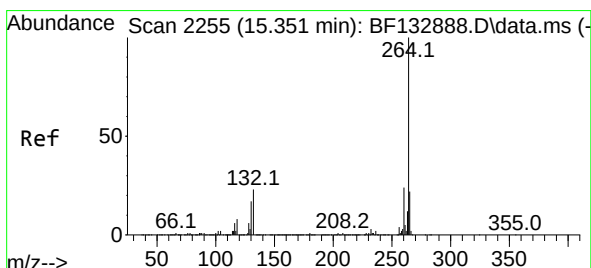
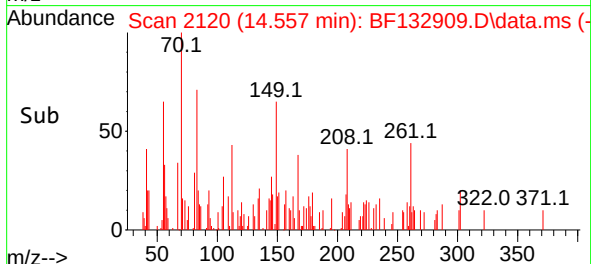
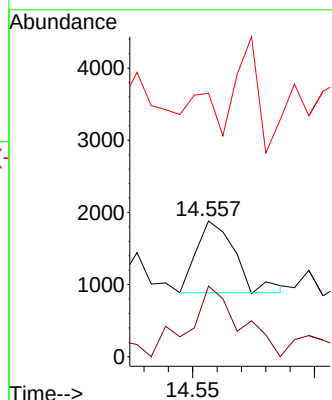
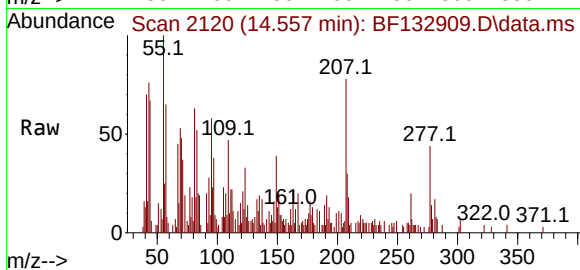
Tgt Ion:149 Resp: 1100

Ion Ratio Lower Upper

149 100

167 129.2 1.2 1.8#

43 70.6 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: BF132909.D

Acq: 18 Apr 2023 19:30

Tgt Ion:264 Resp: 605814

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

265 22.1 17.7 26.5

