

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041923\
 Data File : BF132920.D
 Acq On : 19 Apr 2023 19:37
 Operator : CG\JU
 Sample : 02270-24
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15-19-21-20230412

Quant Time: Apr 20 01:49:50 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)

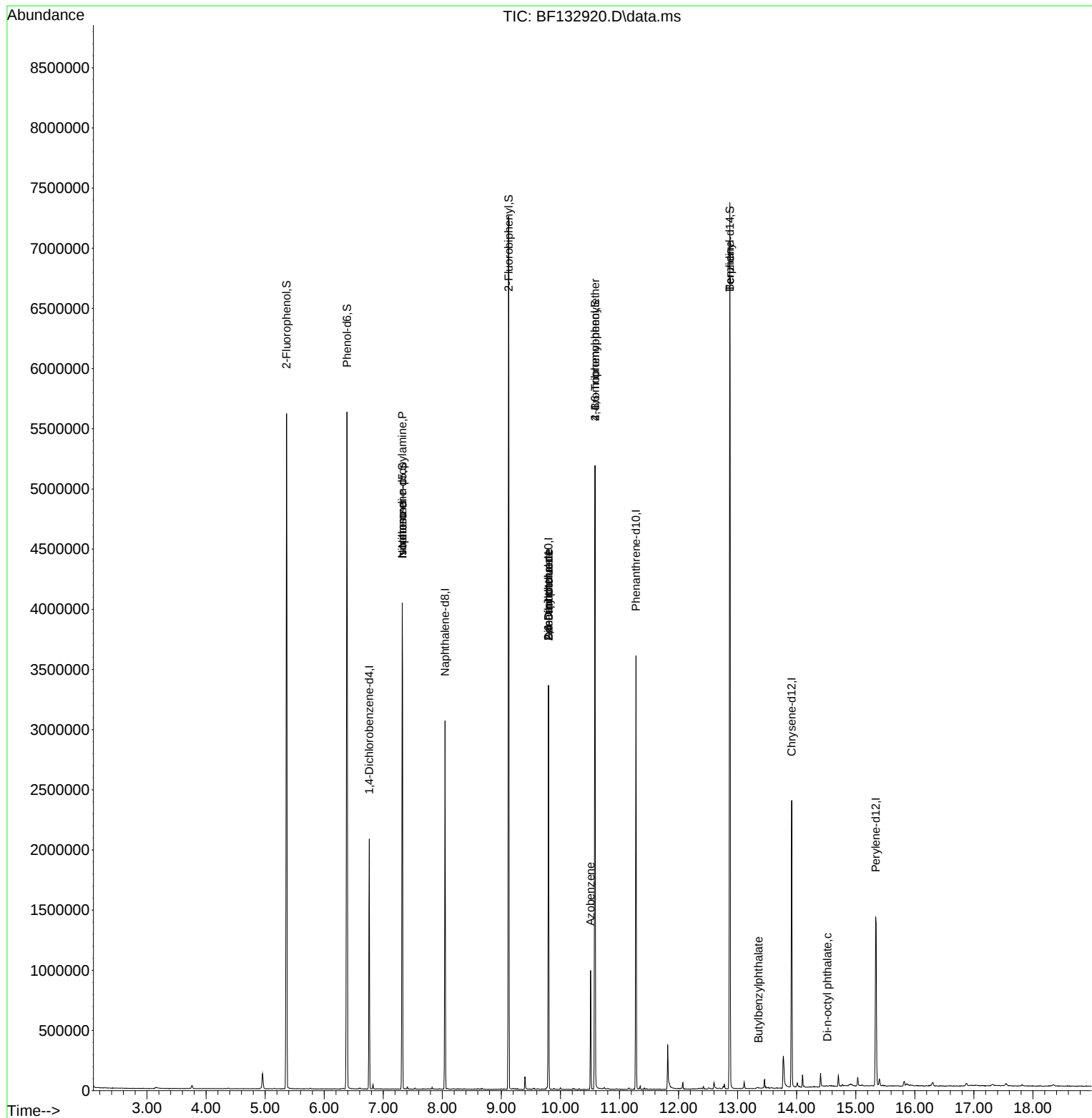
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	261981	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	1061390	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	577458	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	1110969	20.000	ng	0.00
76) Chrysene-d12	13.915	240	745308	20.000	ng	-0.01
86) Perylene-d12	15.339	264	602328	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1577639	94.164	ng	0.00
7) Phenol-d6	6.387	99	2018717	94.425	ng	-0.01
23) Nitrobenzene-d5	7.322	82	1223862	60.104	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	601087	103.780	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	2110375	56.143	ng	-0.01
79) Terphenyl-d14	12.868	244	2625962	60.111	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.322	70	162689	12.191	ng	# 82
25) Isophorone	7.322	82	1222266	31.645	ng	# 65
50) Dimethylphthalate	9.798	163	115299	2.888	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	74096	8.465	ng	# 28
57) 2,4-Dinitrotoluene	9.798	165	74096	6.859	ng	# 23
63) Azobenzene	10.510	77	152768	3.666	ng	# 1
67) 4-Bromophenyl-phenylether	10.586	248	36467	2.875	ng	# 1
77) Benzidine	12.868	184	30796	2.653	ng	# 87
80) Butylbenzylphthalate	13.351	149	273	5.151	ng	# 83
85) Di-n-octyl phthalate	14.521	149	1220	6.408	ng	# 67

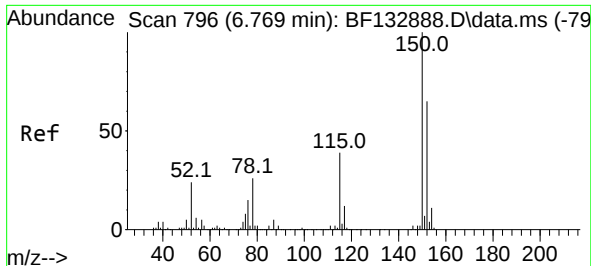
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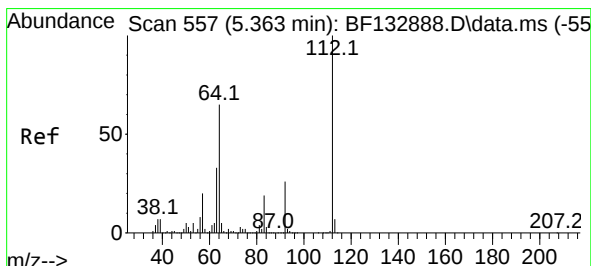
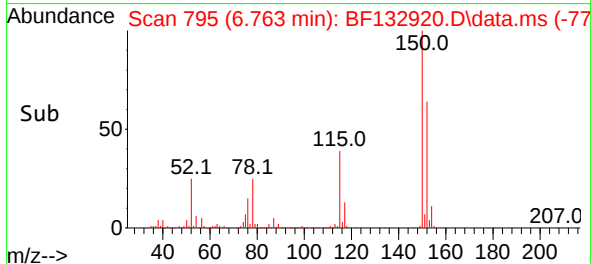
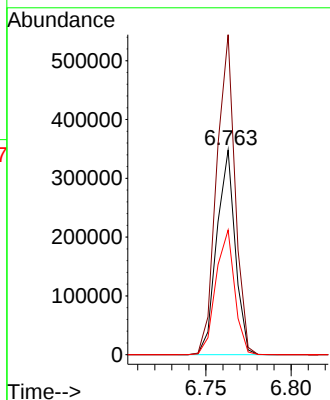
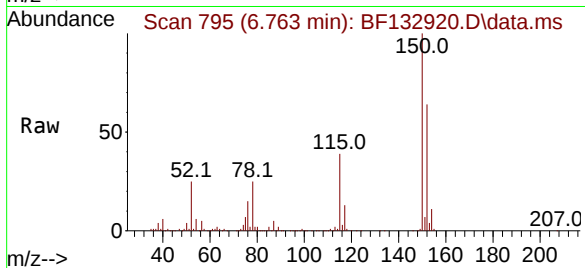




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF132920.D
Acq: 19 Apr 2023 19:37

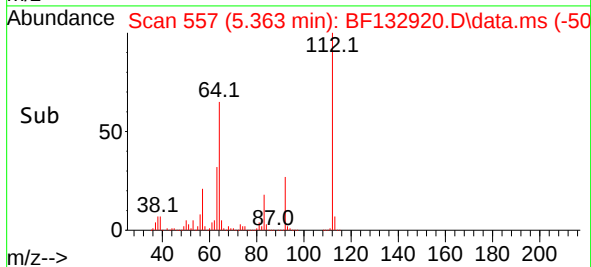
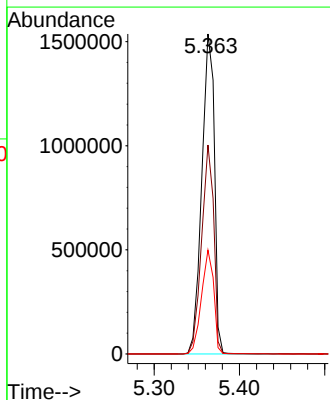
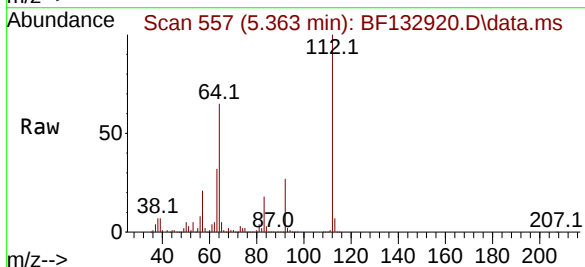
Instrument :
BNA_F
ClientSampleId :
SB-15-19-21-20230412

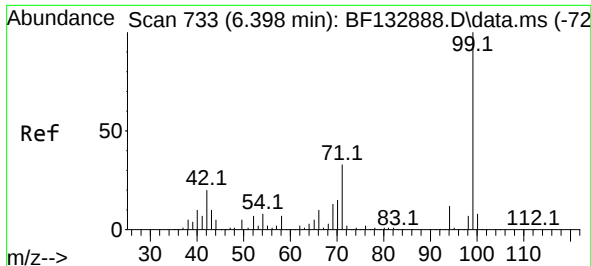
Tgt Ion:152 Resp: 261981
Ion Ratio Lower Upper
152 100
150 156.3 122.8 184.2
115 60.9 47.3 70.9



#5
2-Fluorophenol
Concen: 94.164 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF132920.D
Acq: 19 Apr 2023 19:37

Tgt Ion:112 Resp: 1577639
Ion Ratio Lower Upper
112 100
64 65.3 51.8 77.8
63 32.4 26.3 39.5

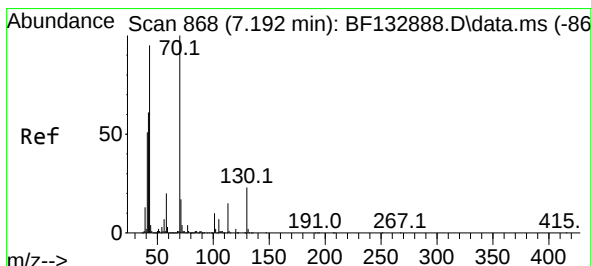
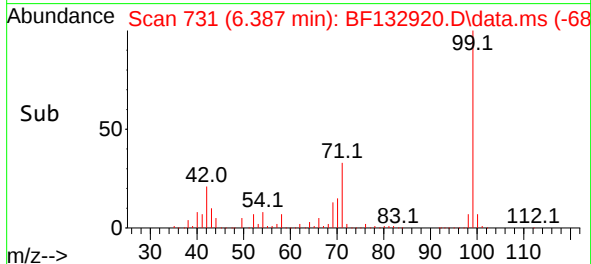
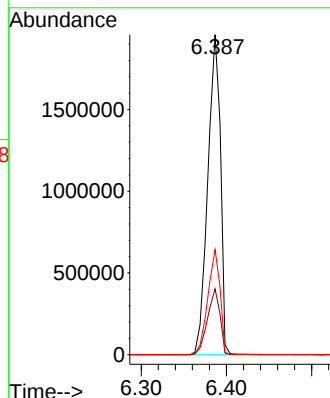
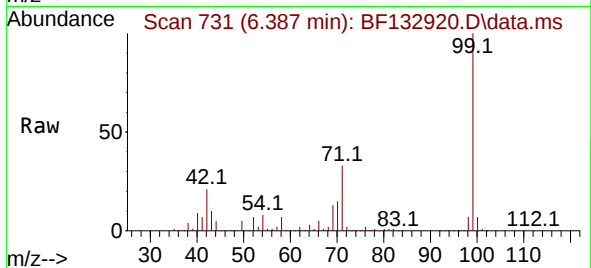




#7
Phenol-d6
Concen: 94.425 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132920.D
Acq: 19 Apr 2023 19:37

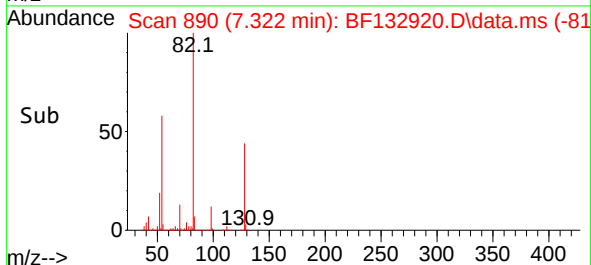
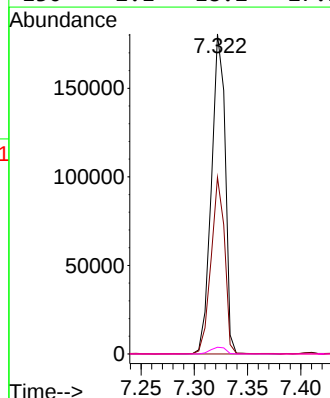
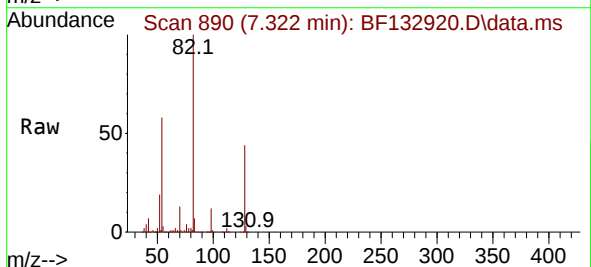
Instrument :
BNA_F
ClientSampleId :
SB-15-19-21-20230412

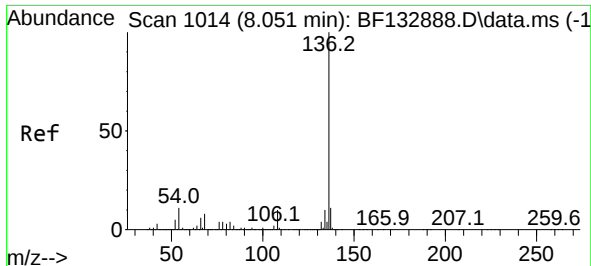
Tgt Ion: 99 Resp: 2018717
Ion Ratio Lower Upper
99 100
42 20.6 16.1 24.1
71 32.9 26.1 39.1



#19
n-Nitroso-di-n-propylamine
Concen: 12.191 ng
RT: 7.322 min Scan# 890
Delta R.T. 0.129 min
Lab File: BF132920.D
Acq: 19 Apr 2023 19:37

Tgt Ion: 70 Resp: 162689
Ion Ratio Lower Upper
70 100
42 55.2 49.0 73.6
101 0.0 8.1 12.1#
130 2.1 18.2 27.2#

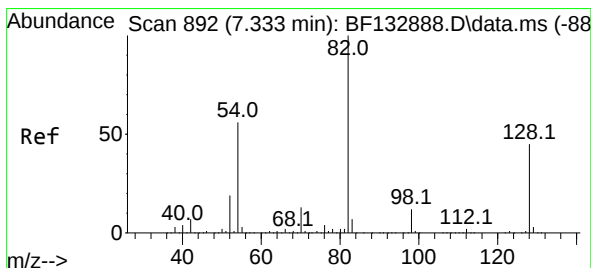
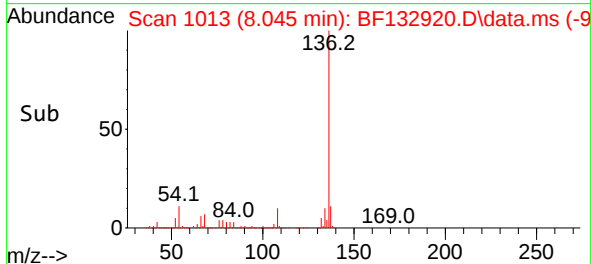
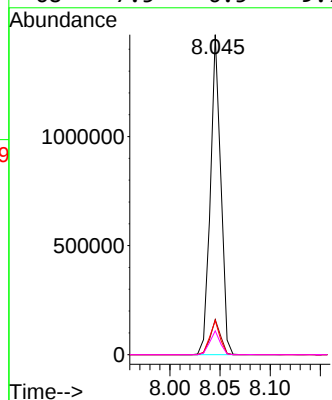
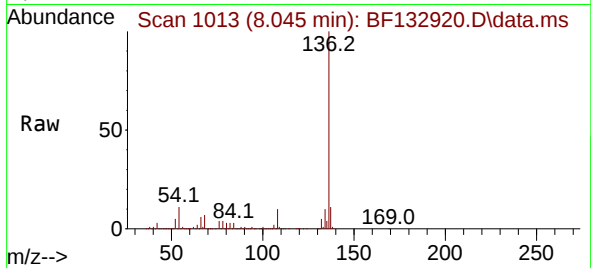




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF132920.D
Acq: 19 Apr 2023 19:37

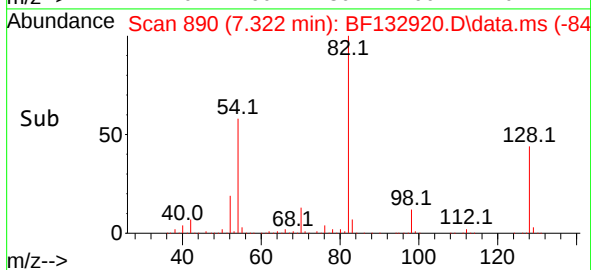
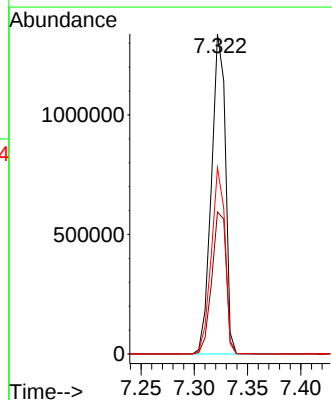
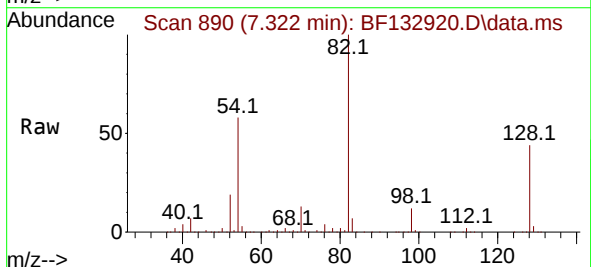
Instrument :
BNA_F
ClientSampleId :
SB-15-19-21-20230412

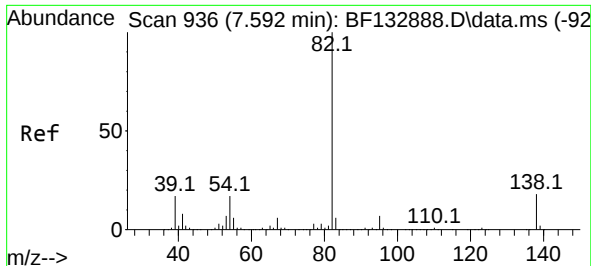
Tgt Ion:136 Resp: 1061390
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.6 8.9 13.3
68 7.5 6.5 9.7



#23
Nitrobenzene-d5
Concen: 60.104 ng
RT: 7.322 min Scan# 890
Delta R.T. -0.012 min
Lab File: BF132920.D
Acq: 19 Apr 2023 19:37

Tgt Ion: 82 Resp: 1223862
Ion Ratio Lower Upper
82 100
128 44.4 35.7 53.5
54 58.2 44.7 67.1

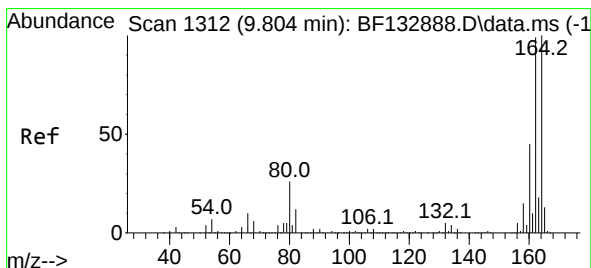
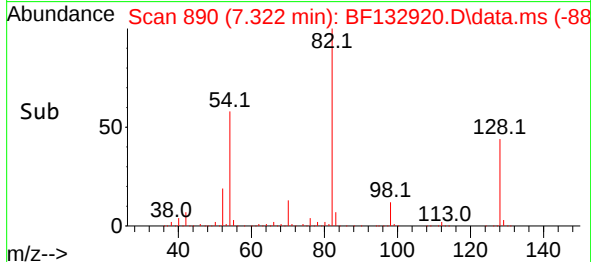
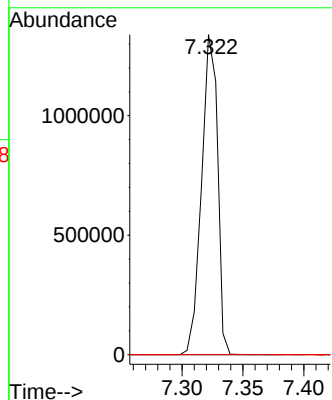
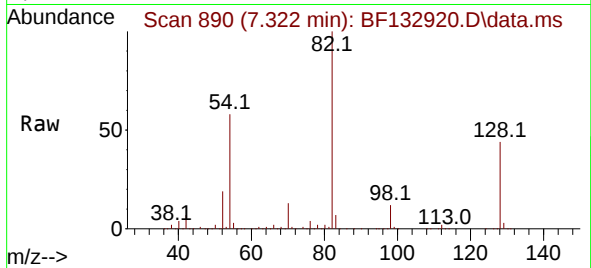




#25
Isophorone
Concen: 31.645 ng
RT: 7.322 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF132920.D
Acq: 19 Apr 2023 19:37

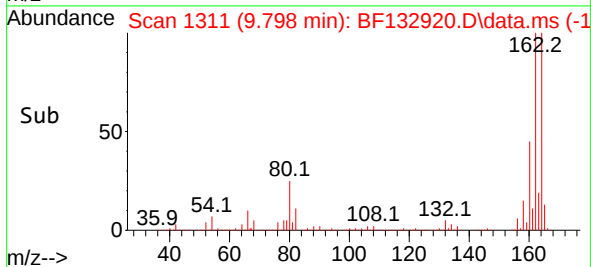
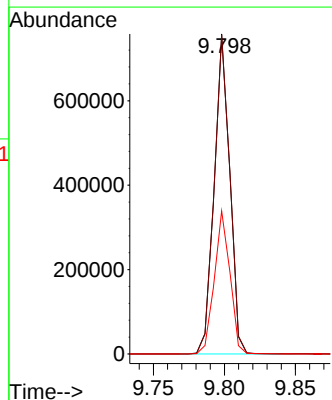
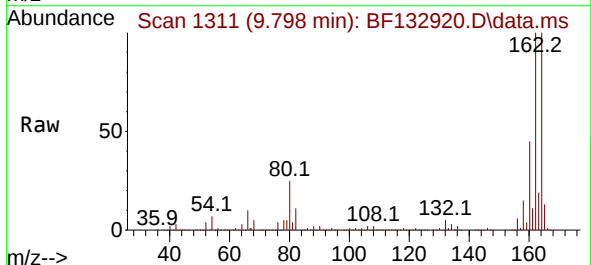
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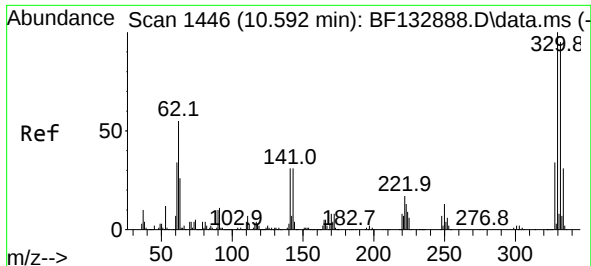
Tgt Ion: 82 Resp: 1222266
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF132920.D
Acq: 19 Apr 2023 19:37

Tgt Ion:164 Resp: 577458
Ion Ratio Lower Upper
164 100
162 99.7 79.1 118.7
160 44.7 35.6 53.4

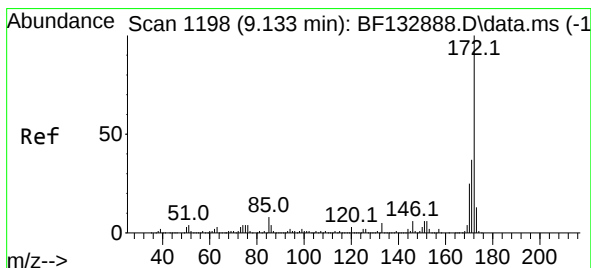
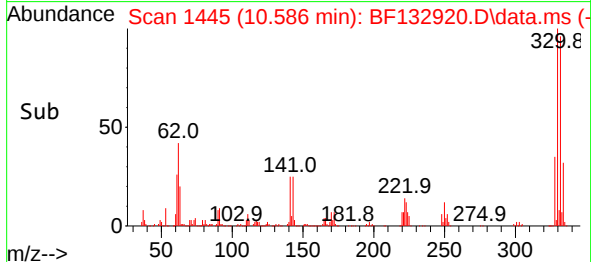
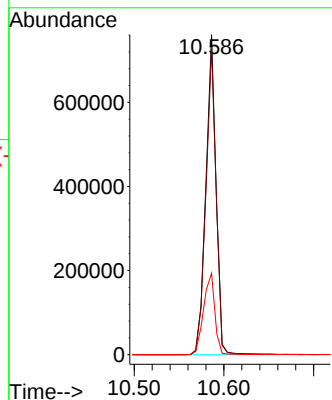
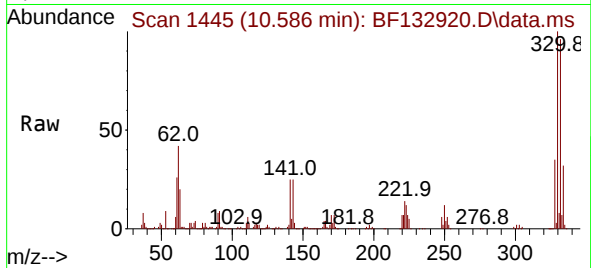




#42
 2,4,6-Tribromophenol
 Concen: 103.780 ng
 RT: 10.586 min Scan# 1445
 Delta R.T. -0.006 min
 Lab File: BF132920.D
 Acq: 19 Apr 2023 19:37

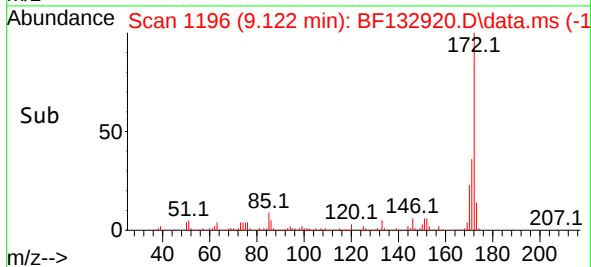
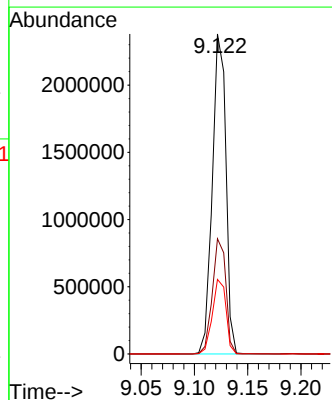
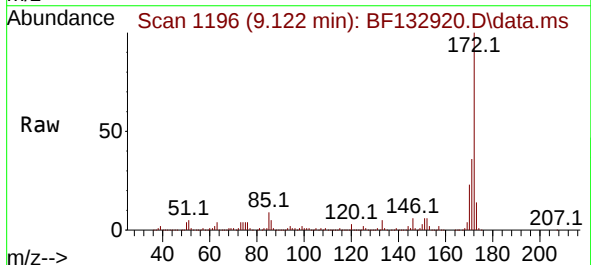
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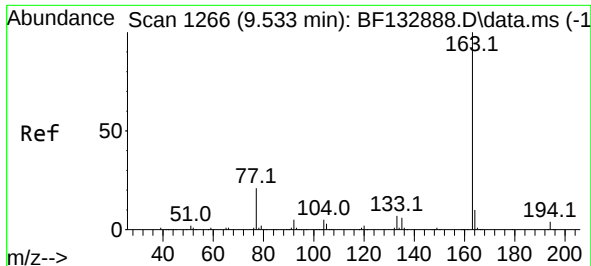
Tgt Ion:330 Resp: 601087
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.3 114.5
 141 28.3 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 56.143 ng
 RT: 9.122 min Scan# 1196
 Delta R.T. -0.012 min
 Lab File: BF132920.D
 Acq: 19 Apr 2023 19:37

Tgt Ion:172 Resp: 2110375
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 23.3 20.1 30.1

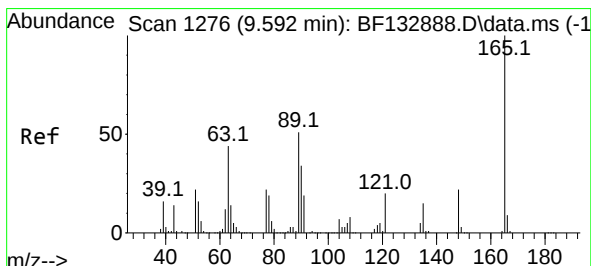
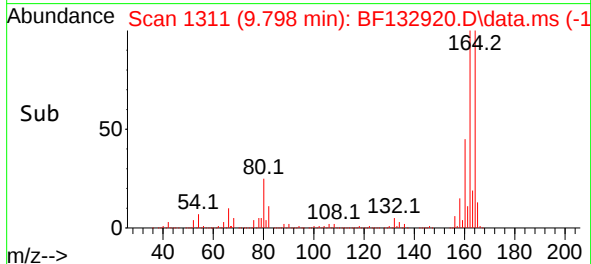
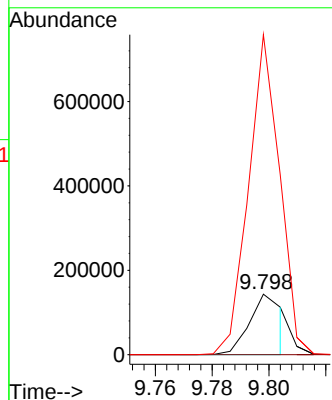
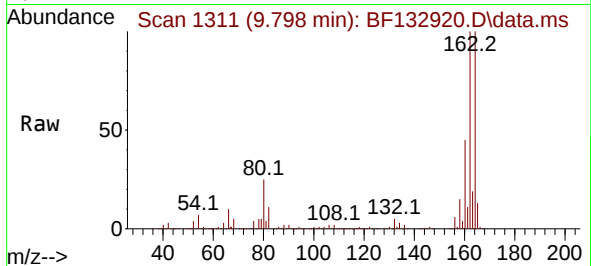




#50
Dimethylphthalate
Concen: 2.888 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.265 min
Lab File: BF132920.D
Acq: 19 Apr 2023 19:37

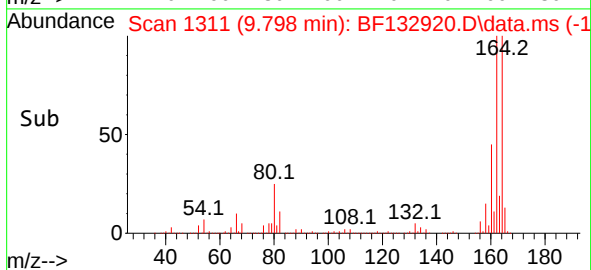
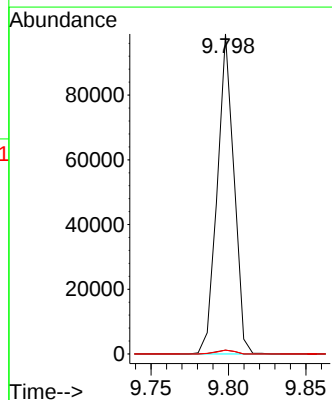
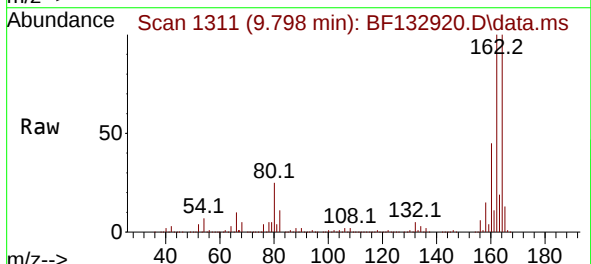
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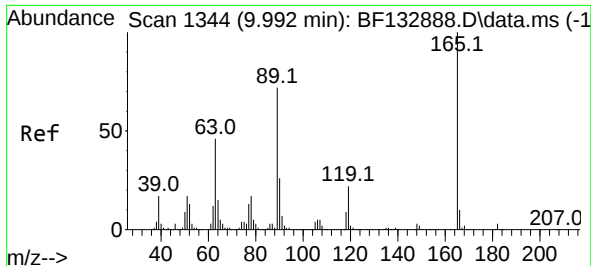
Tgt Ion:163 Resp: 115299
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 529.2 8.3 12.5#



#51
2,6-Dinitrotoluene
Concen: 8.465 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF132920.D
Acq: 19 Apr 2023 19:37

Tgt Ion:165 Resp: 74096
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.2 41.0 61.4#





#57

2,4-Dinitrotoluene

Concen: 6.859 ng

RT: 9.798 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF132920.D

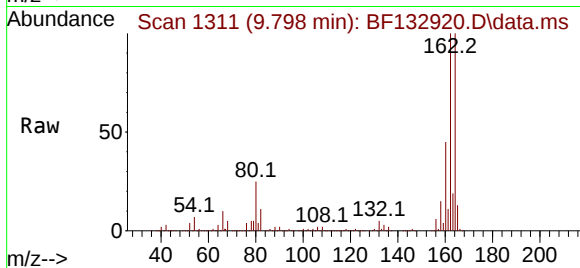
Acq: 19 Apr 2023 19:37

Instrument :

BNA_F

ClientSampleId :

SB-15-19-21-20230412



Tgt Ion:165 Resp: 74096

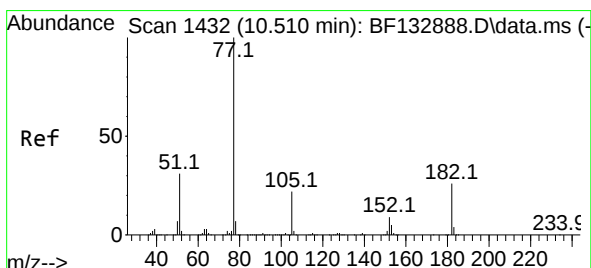
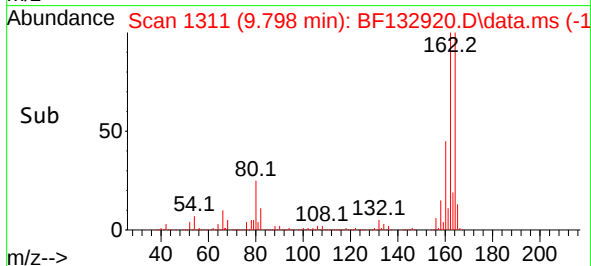
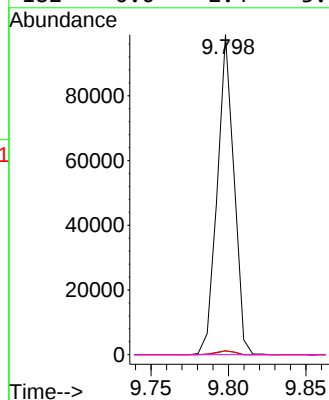
Ion Ratio Lower Upper

165 100

63 1.2 37.0 55.6#

89 1.2 57.8 86.6#

182 0.0 2.4 3.6#



#63

Azobenzene

Concen: 3.666 ng

RT: 10.510 min Scan# 1432

Delta R.T. 0.000 min

Lab File: BF132920.D

Acq: 19 Apr 2023 19:37

Tgt Ion: 77 Resp: 152768

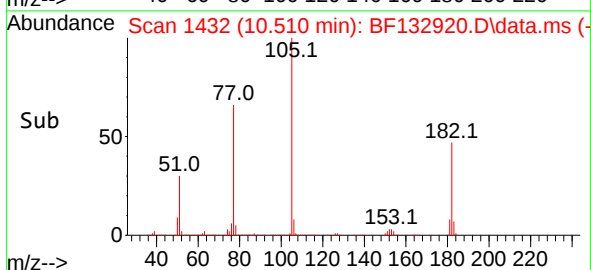
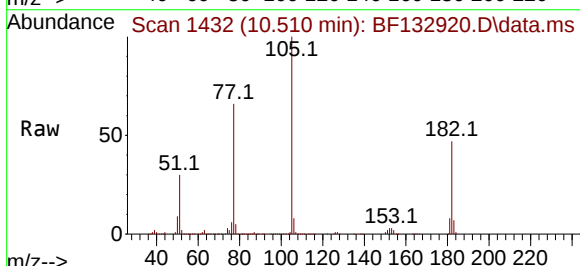
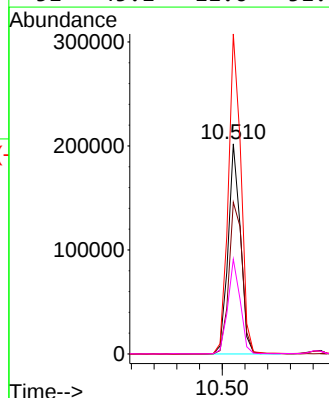
Ion Ratio Lower Upper

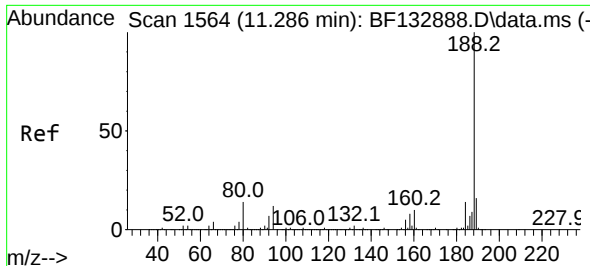
77 100

182 72.2 6.0 46.0#

105 152.3 1.6 41.6#

51 45.1 11.6 51.6

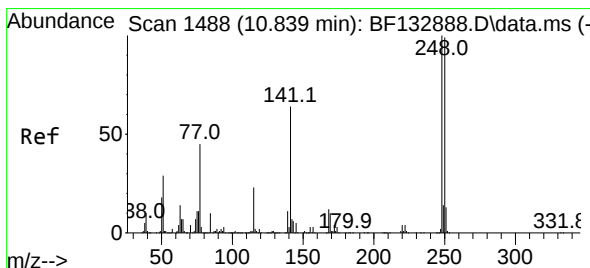
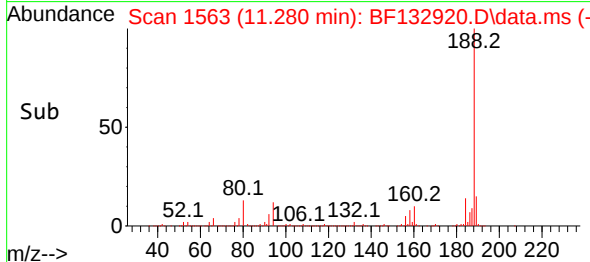
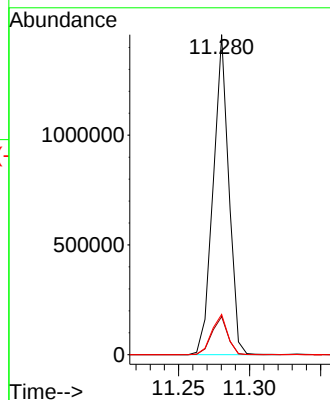
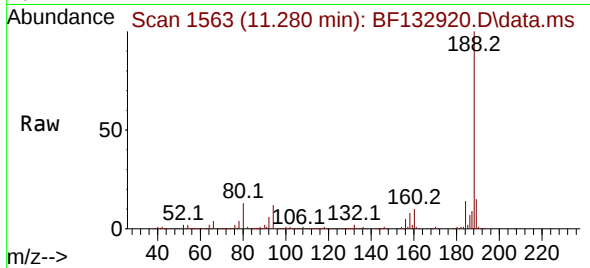




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132920.D
Acq: 19 Apr 2023 19:37

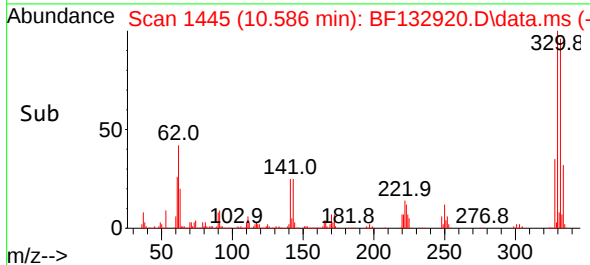
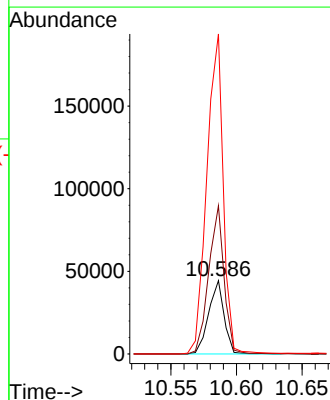
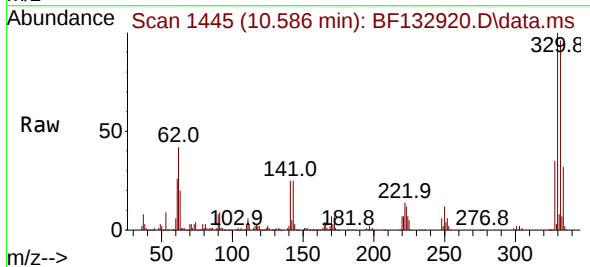
Instrument :
BNA_F
ClientSampleId :
SB-15-19-21-20230412

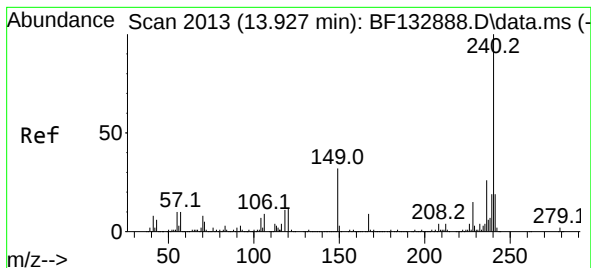
Tgt Ion:188 Resp: 1110969
Ion Ratio Lower Upper
188 100
94 11.9 9.9 14.9
80 12.6 10.8 16.2



#67
4-Bromophenyl-phenylether
Concen: 2.875 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF132920.D
Acq: 19 Apr 2023 19:37

Tgt Ion:248 Resp: 36467
Ion Ratio Lower Upper
248 100
250 202.2 79.1 118.7#
141 436.7 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: BF132920.D

Acq: 19 Apr 2023 19:37

Instrument :

BNA_F

ClientSampleId :

SB-15-19-21-20230412

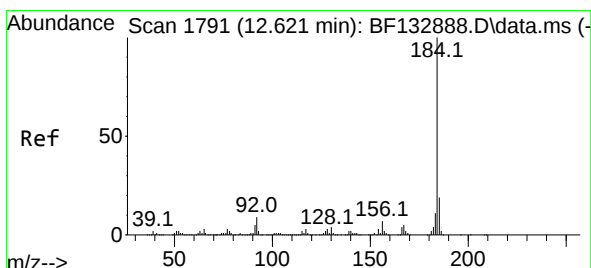
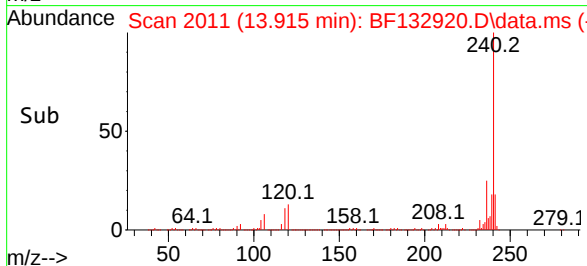
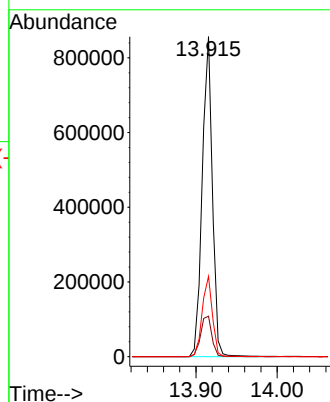
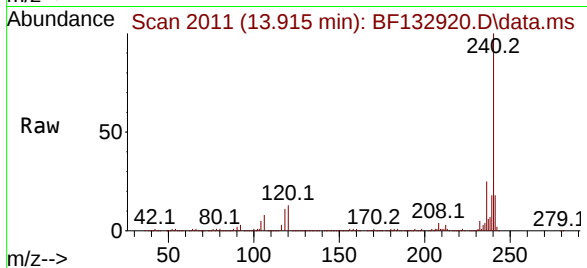
Tgt Ion:240 Resp: 745308

Ion Ratio Lower Upper

240 100

120 12.7 10.0 15.0

236 25.1 20.8 31.2



#77

Benzidine

Concen: 2.653 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.247 min

Lab File: BF132920.D

Acq: 19 Apr 2023 19:37

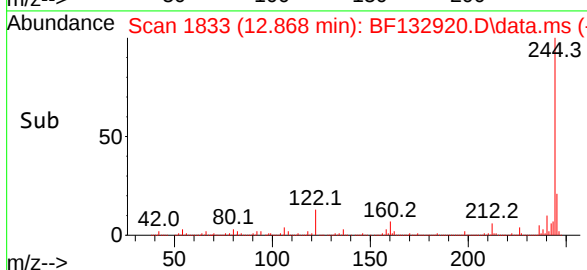
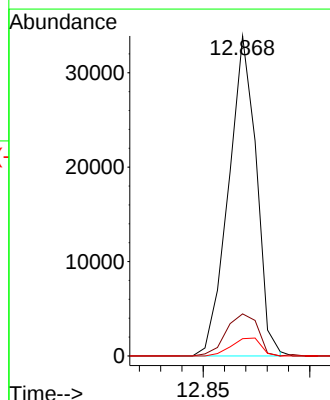
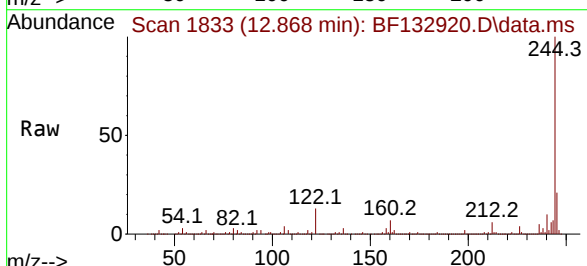
Tgt Ion:184 Resp: 30796

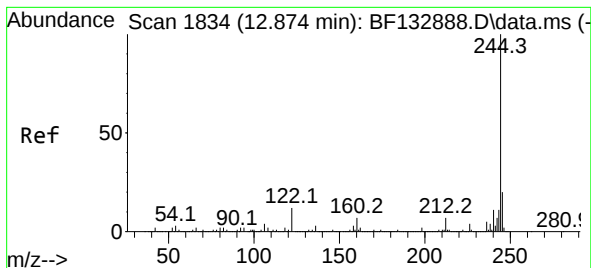
Ion Ratio Lower Upper

184 100

185 13.2 14.9 22.3#

183 5.4 9.0 13.6#





#79

Terphenyl-d14

Concen: 60.111 ng

RT: 12.868 min Scan# 1833

Delta R.T. -0.006 min

Lab File: BF132920.D

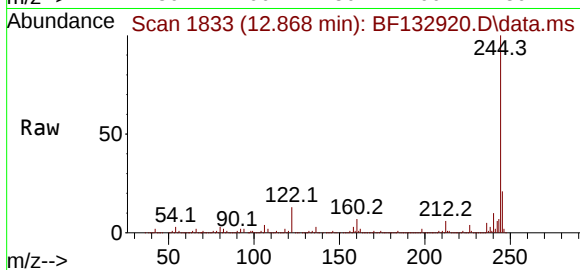
Acq: 19 Apr 2023 19:37

Instrument :

BNA_F

ClientSampleId :

SB-15-19-21-20230412



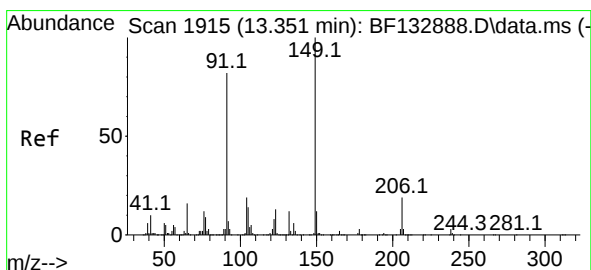
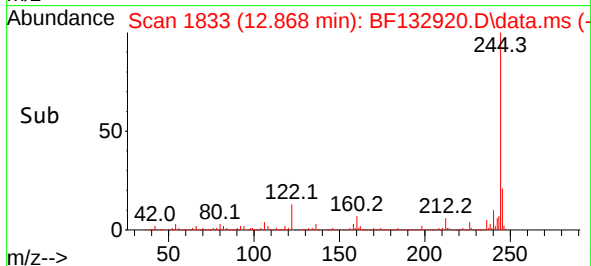
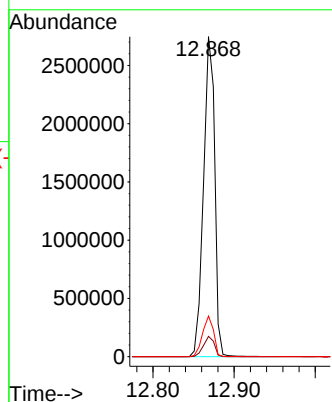
Tgt Ion:244 Resp: 2625962

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

122 12.7 9.6 14.4



#80

Butylbenzylphthalate

Concen: 5.151 ng

RT: 13.351 min Scan# 1915

Delta R.T. -0.000 min

Lab File: BF132920.D

Acq: 19 Apr 2023 19:37

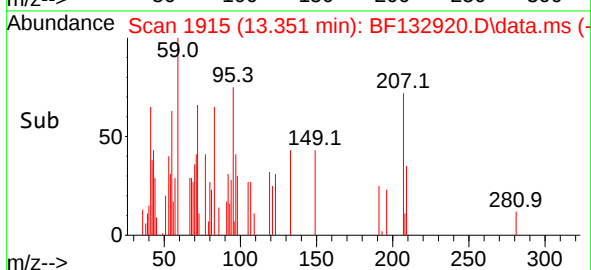
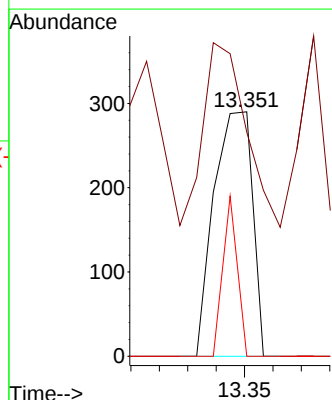
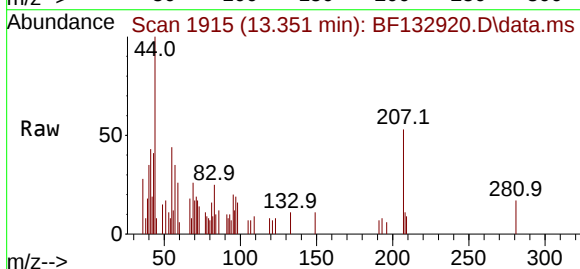
Tgt Ion:149 Resp: 273

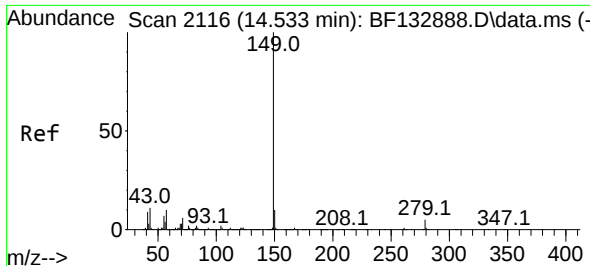
Ion Ratio Lower Upper

149 100

91 91.7 65.4 98.0

206 0.0 15.6 23.4#

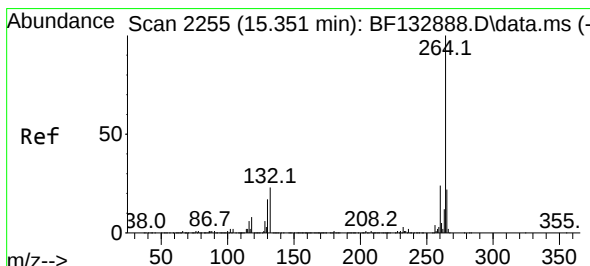
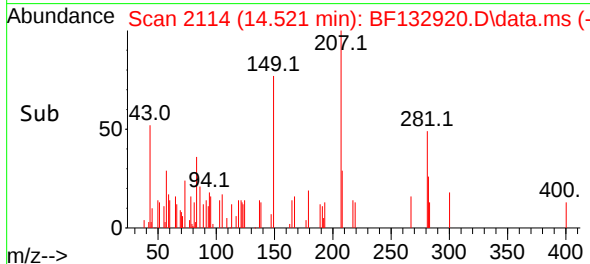
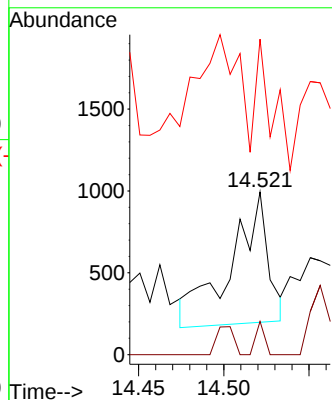
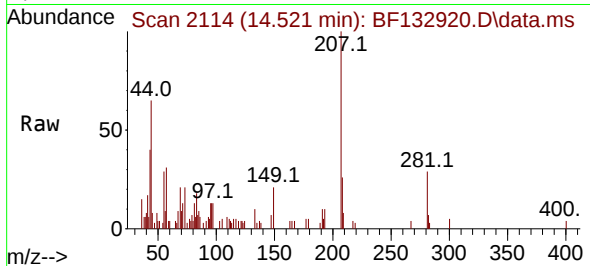




#85
Di-n-octyl phthalate
Concen: 6.408 ng
RT: 14.521 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BF132920.D
Acq: 19 Apr 2023 19:37

Instrument :
BNA_F
ClientSampleId :
SB-15-19-21-20230412

Tgt Ion:149 Resp: 1220
Ion Ratio Lower Upper
149 100
167 5.9 1.2 1.8#
43 0.0 11.5 17.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.339 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF132920.D
Acq: 19 Apr 2023 19:37

Tgt Ion:264 Resp: 602328
Ion Ratio Lower Upper
264 100
260 22.7 19.0 28.6
265 22.1 17.7 26.5

