

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092122\
 Data File : BF130368.D
 Acq On : 21 Sep 2022 18:47
 Operator : CG\JU
 Sample : N4724-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Sep 22 05:58:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

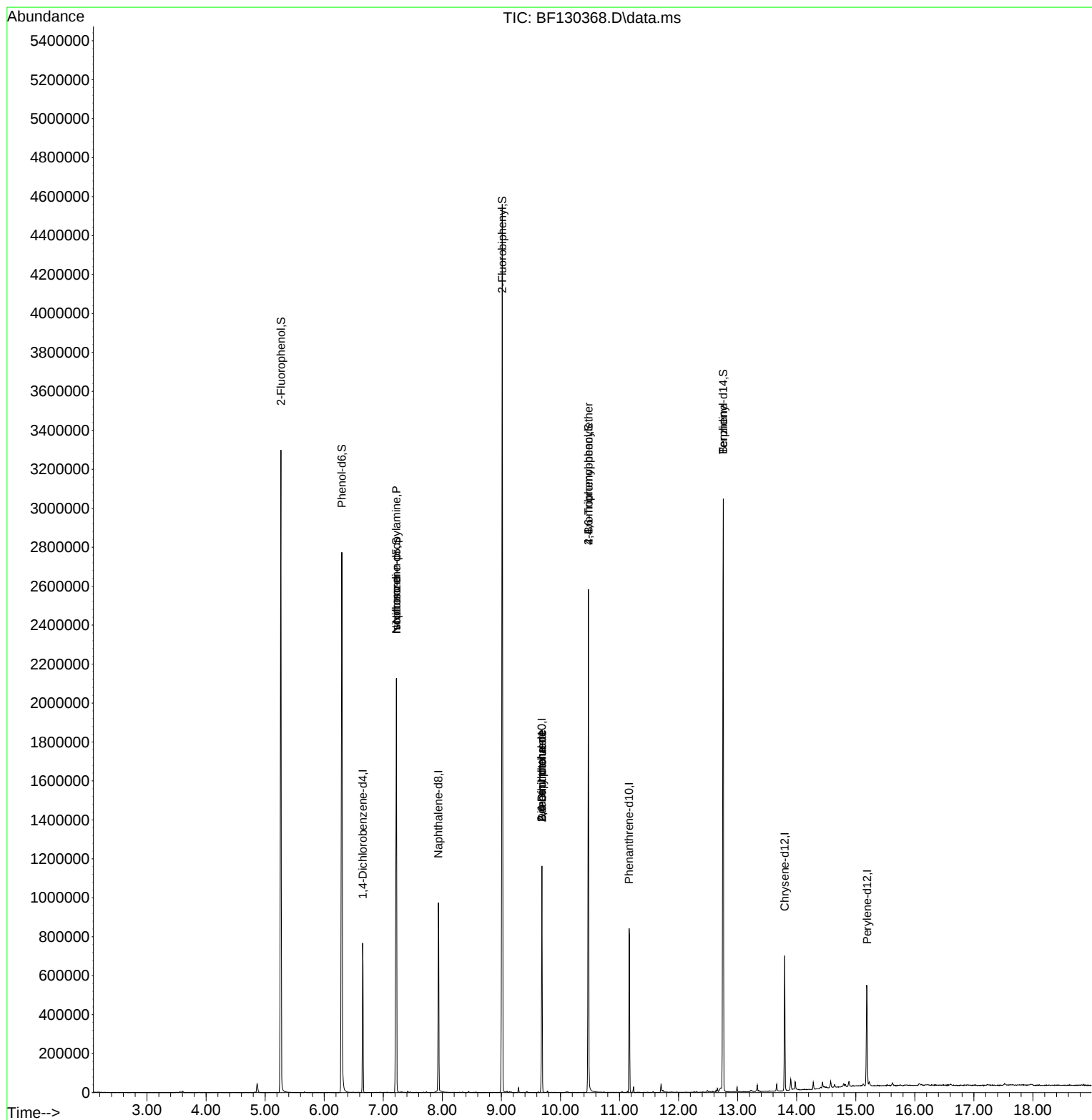
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	109226	20.000	ng	-0.01
21) Naphthalene-d8	7.933	136	435730	20.000	ng	-0.01
39) Acenaphthene-d10	9.686	164	215311	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	307783	20.000	ng	-0.01
76) Chrysene-d12	13.798	240	207309	20.000	ng	0.00
86) Perylene-d12	15.192	264	217888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	900984	143.073	ng	0.01
7) Phenol-d6	6.298	99	1129466	143.342	ng	0.00
23) Nitrobenzene-d5	7.222	82	719497	84.360	ng	-0.01
42) 2,4,6-Tribromophenol	10.474	330	277594	134.553	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1325097	89.619	ng	0.00
79) Terphenyl-d14	12.757	244	988102	78.954	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.222	70	97230	18.287	ng	# 74
25) Isophorone	7.222	82	717806	52.217	ng	# 66
50) Dimethylphthalate	9.686	163	38990	2.622	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	28207	9.068	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	28207	7.096	ng	# 16
67) 4-Bromophenyl-phenylether	10.474	248	16106	4.744	ng	# 1
77) Benzidine	12.757	184	14692	2.441	ng	# 94

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

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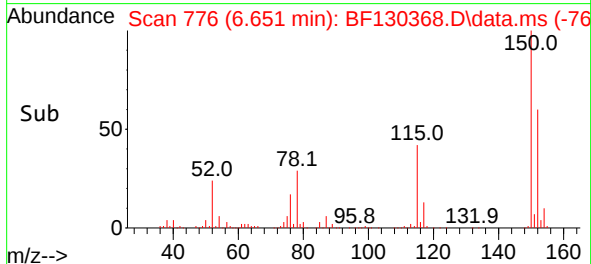
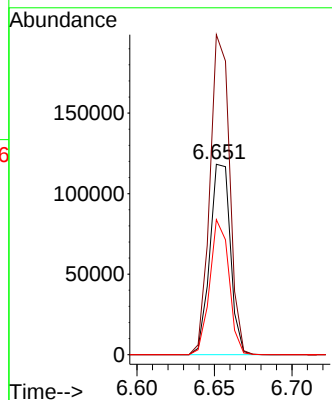
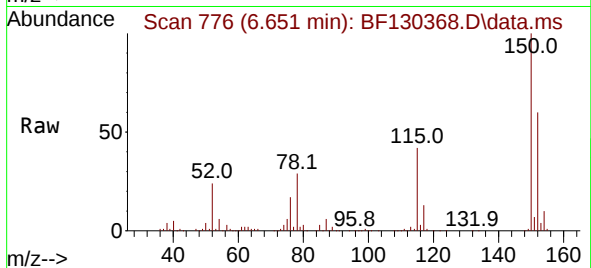




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

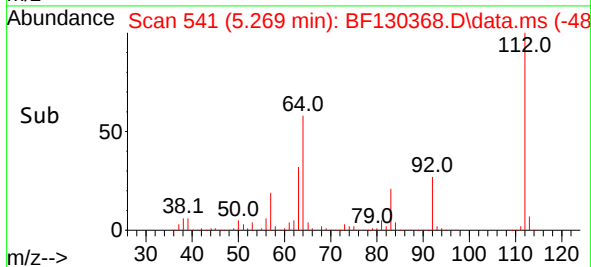
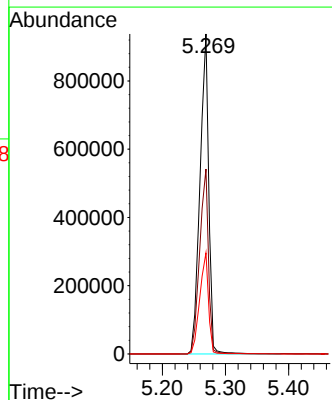
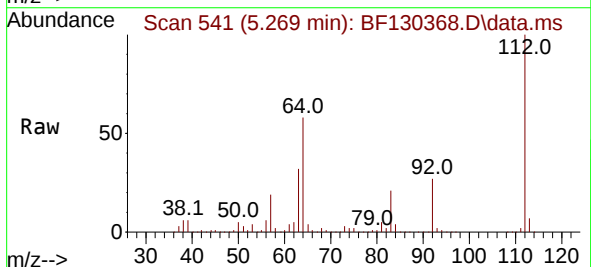
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:152 Resp: 109226
Ion Ratio Lower Upper
152 100
150 168.0 122.8 184.2
115 70.9 53.8 80.8



#5
2-Fluorophenol
Concen: 143.073 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

Tgt Ion:112 Resp: 900984
Ion Ratio Lower Upper
112 100
64 57.8 51.4 77.0
63 31.6 28.8 43.2

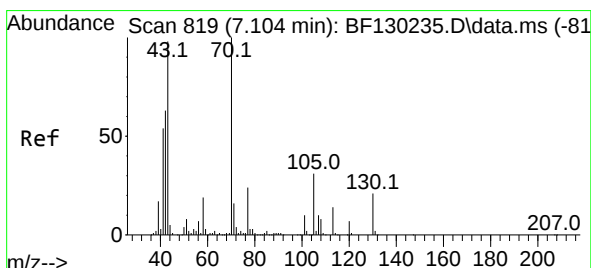
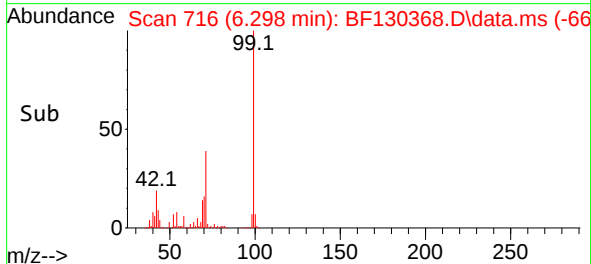
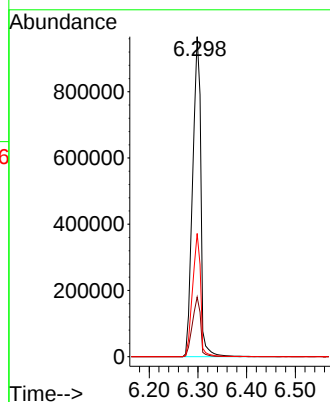
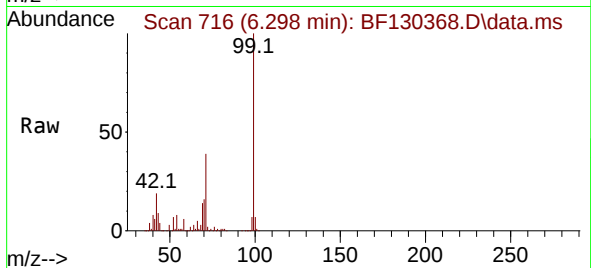




#7
Phenol-d6
Concen: 143.342 ng
RT: 6.298 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

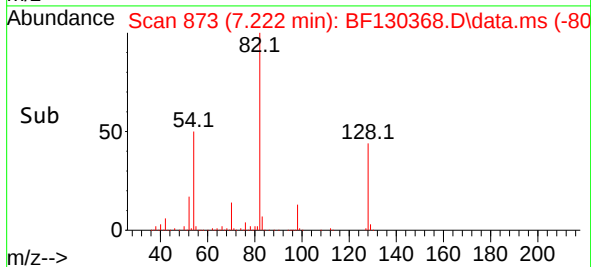
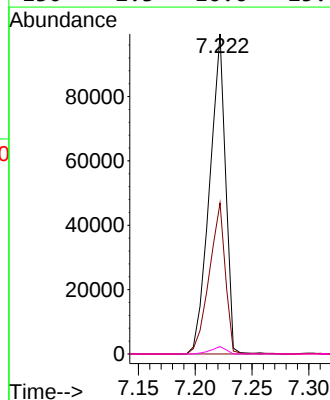
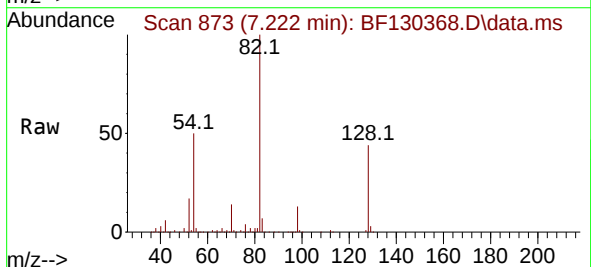
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

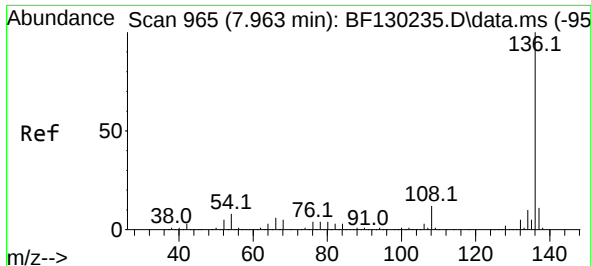
Tgt Ion: 99 Resp: 1129466
Ion Ratio Lower Upper
99 100
42 18.7 17.0 25.6
71 38.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.287 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.129 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

Tgt Ion: 70 Resp: 97230
Ion Ratio Lower Upper
70 100
42 47.2 50.8 76.2#
101 0.0 8.2 12.4#
130 2.3 16.6 25.0#

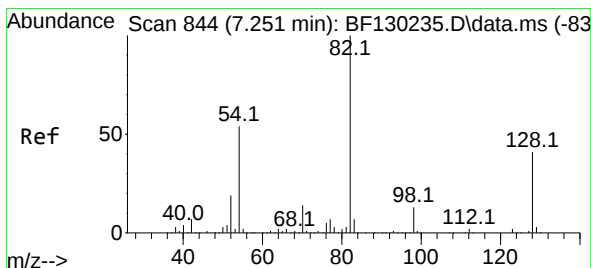
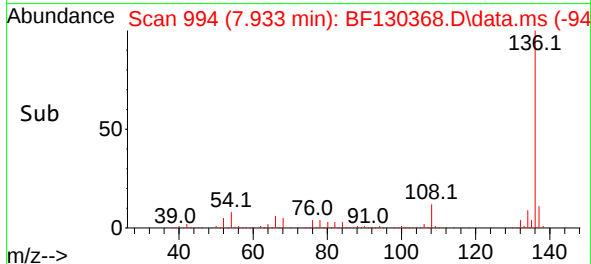
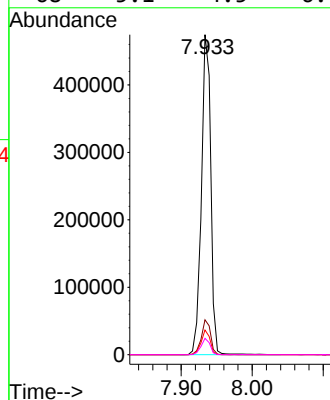
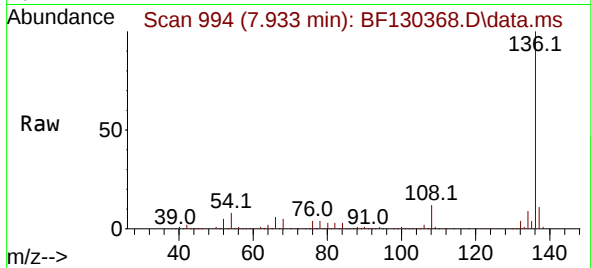




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.933 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

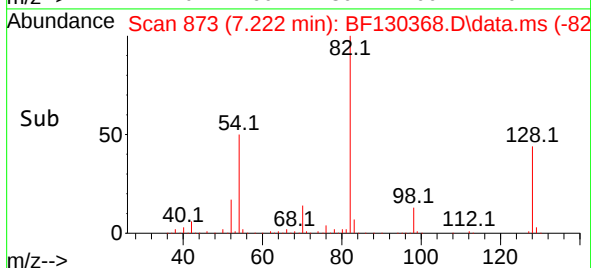
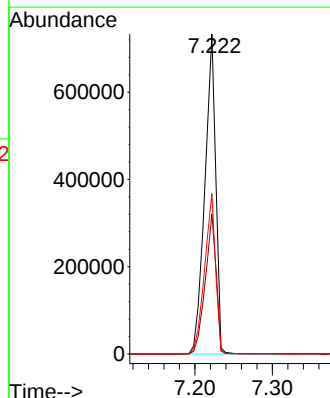
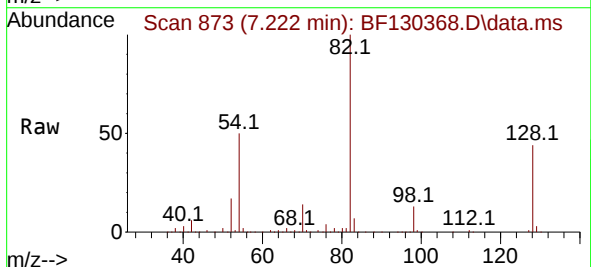
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:136 Resp: 435730
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.7 7.1 10.7
68 5.1 4.5 6.7



#23
Nitrobenzene-d5
Concen: 84.360 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

Tgt Ion: 82 Resp: 719497
Ion Ratio Lower Upper
82 100
128 43.7 32.6 49.0
54 50.1 43.8 65.6

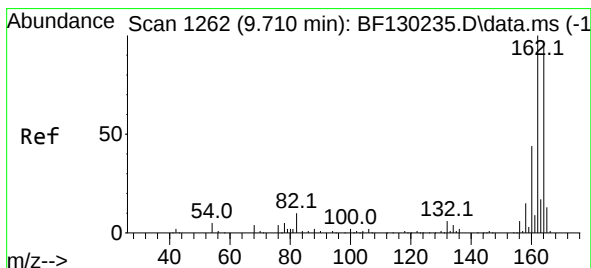
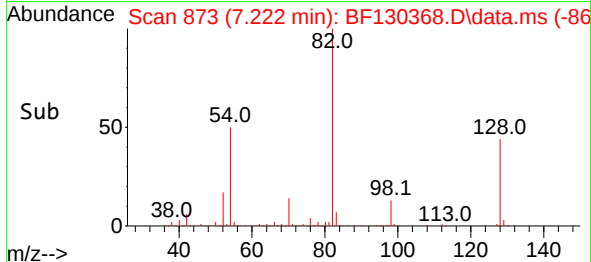
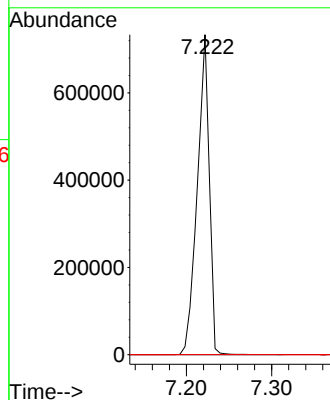
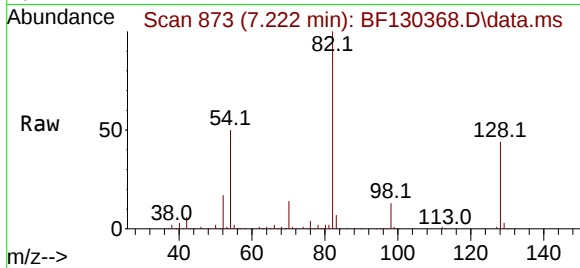




#25
Isophorone
Concen: 52.217 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

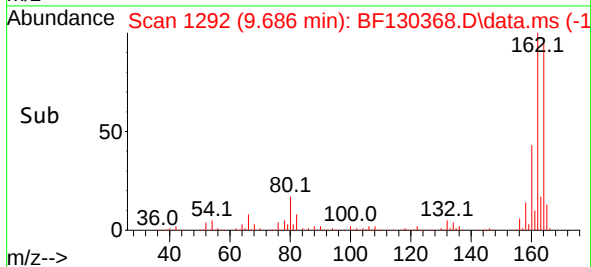
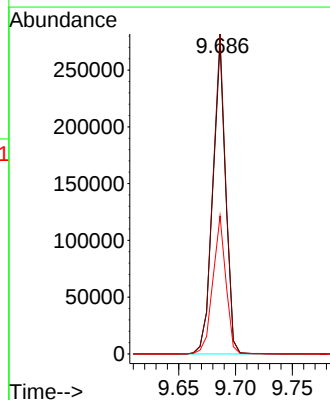
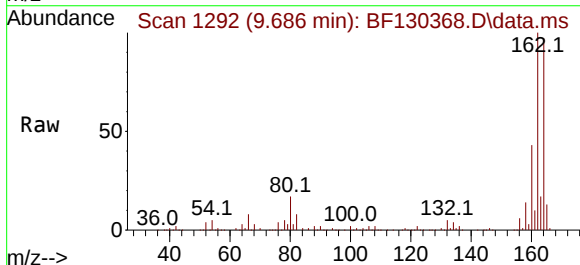
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

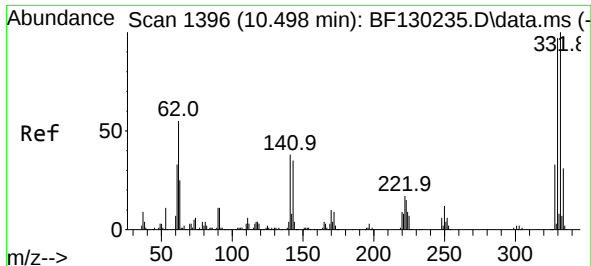
Tgt Ion: 82 Resp: 717806
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

Tgt Ion: 164 Resp: 215311
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 134.553 ng

RT: 10.474 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130368.D

Acq: 21 Sep 2022 18:47

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

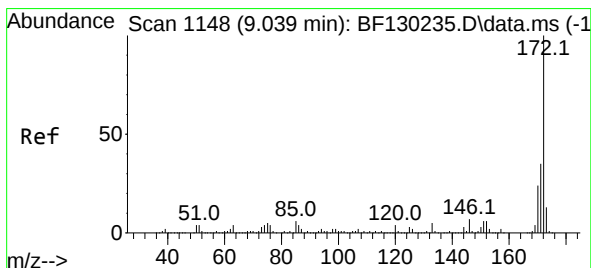
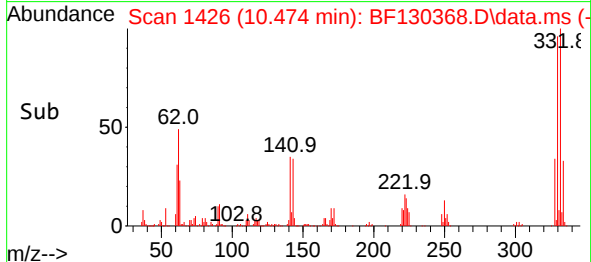
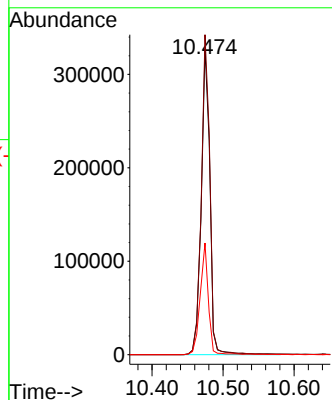
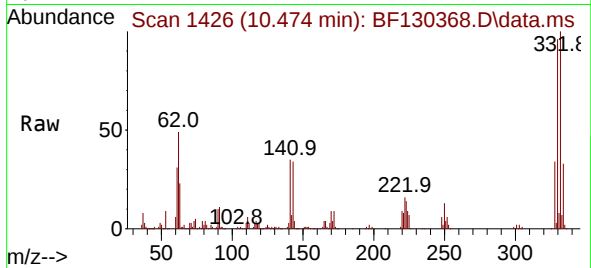
Tgt Ion:330 Resp: 277594

Ion Ratio Lower Upper

330 100

332 104.7 83.4 125.2

141 35.0 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 89.619 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF130368.D

Acq: 21 Sep 2022 18:47

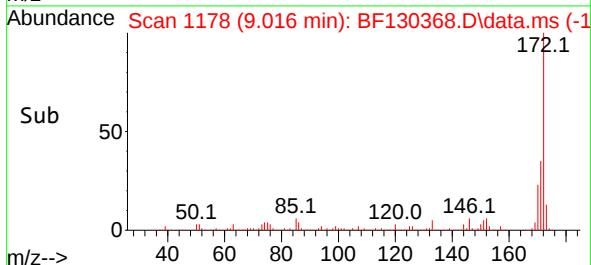
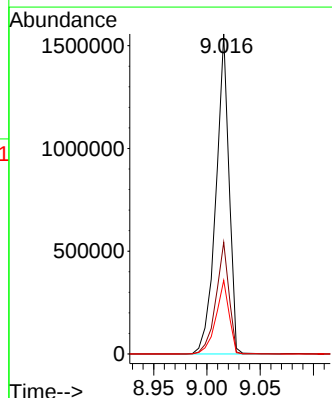
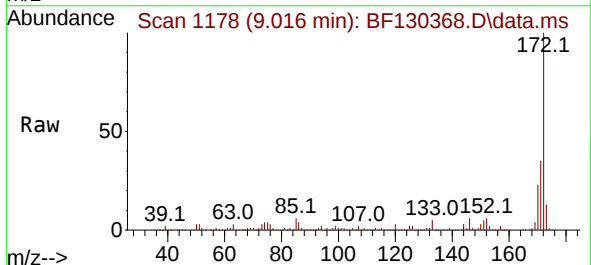
Tgt Ion:172 Resp: 1325097

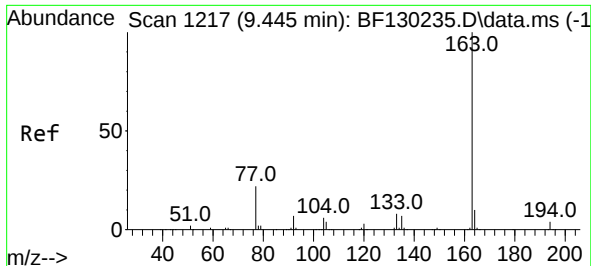
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.0 18.7 28.1

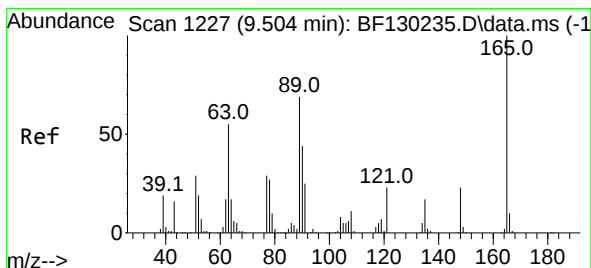
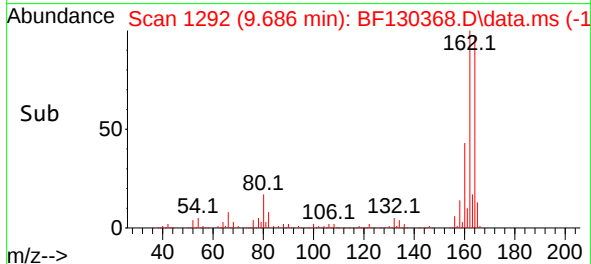
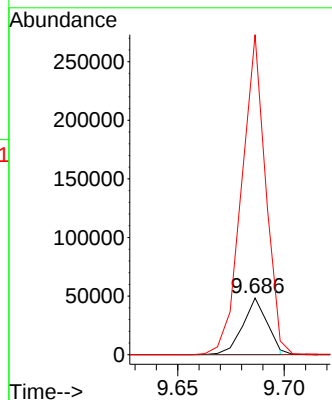
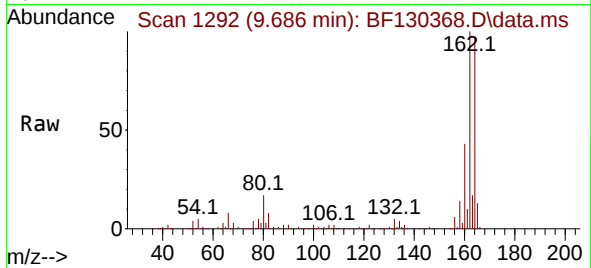




#50
Dimethylphthalate
Concen: 2.622 ng
RT: 9.686 min Scan# 1217
Delta R.T. 0.259 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

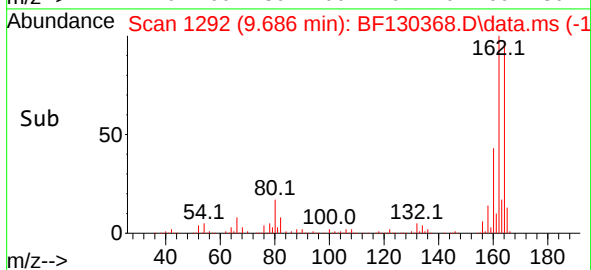
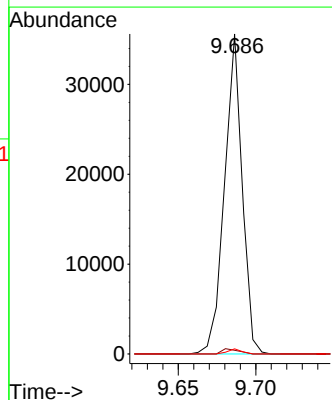
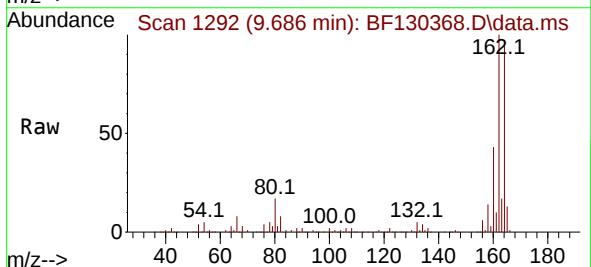
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ClientSampleId :
SB-01-COMP

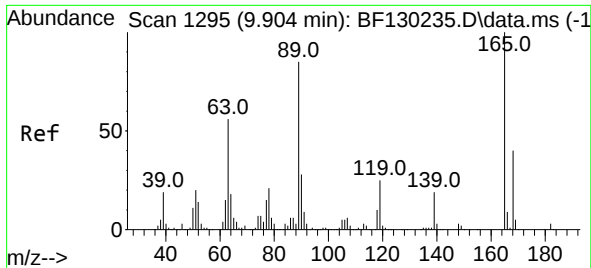
Tgt Ion:163 Resp: 38990
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 564.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.068 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

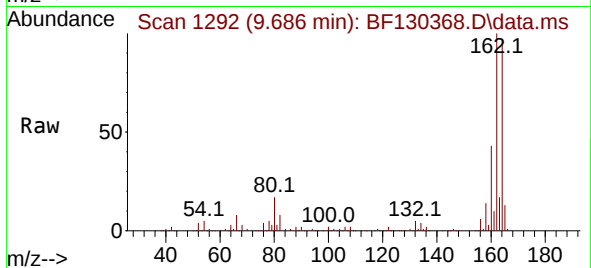
Tgt Ion:165 Resp: 28207
Ion Ratio Lower Upper
165 100
63 1.2 58.8 88.2#
89 1.6 54.5 81.7#



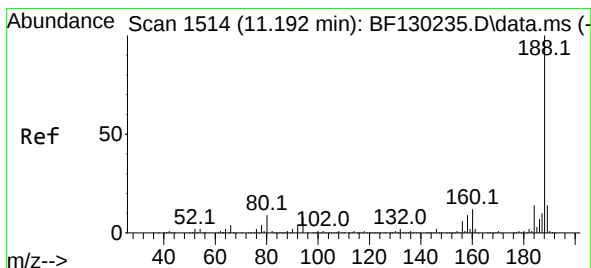
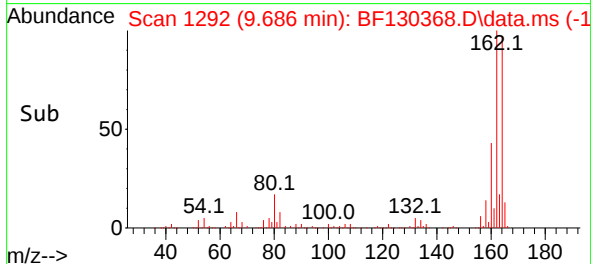
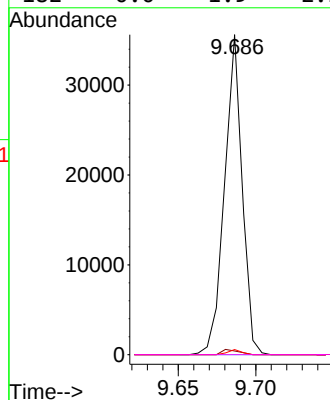


#57
2,4-Dinitrotoluene
Concen: 7.096 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

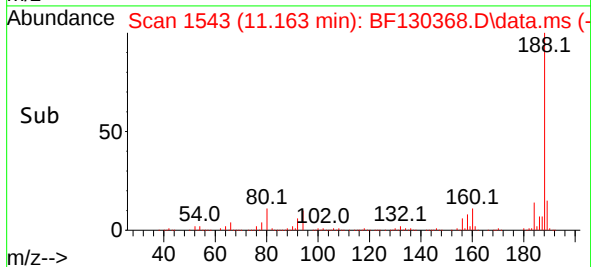
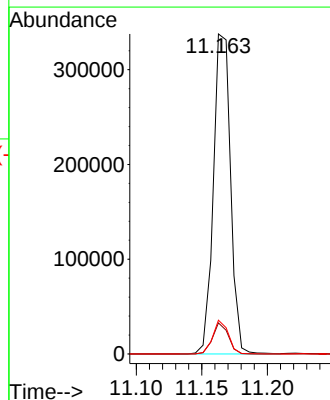
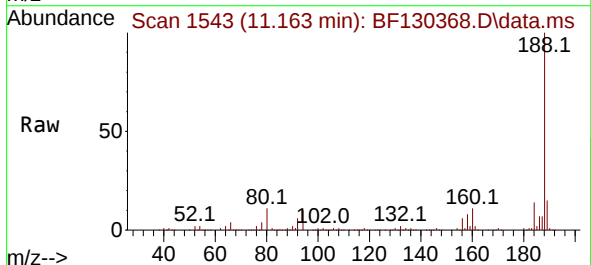


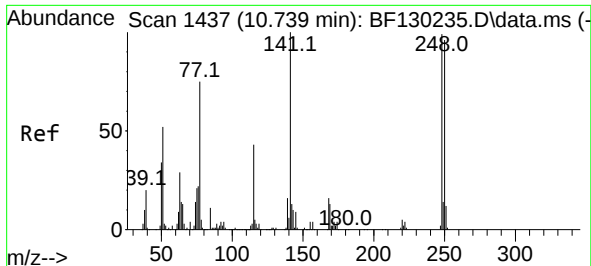
Tgt Ion:	165	Resp:	28207
Ion Ratio	Lower	Upper	
165	100		
63	1.2	44.7	67.1#
89	1.6	69.0	103.4#
182	0.0	1.9	2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. -0.012 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

Tgt Ion:	188	Resp:	307783
Ion Ratio	Lower	Upper	
188	100		
94	9.7	7.4	11.2
80	10.6	7.9	11.9

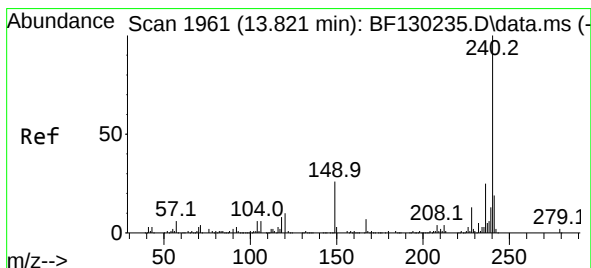
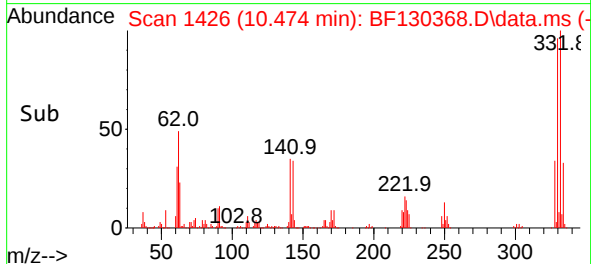
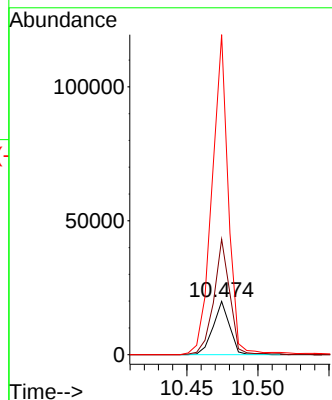
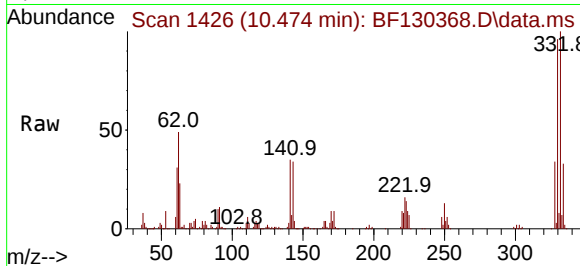




#67
4-Bromophenyl-phenylether
Concen: 4.744 ng
RT: 10.474 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

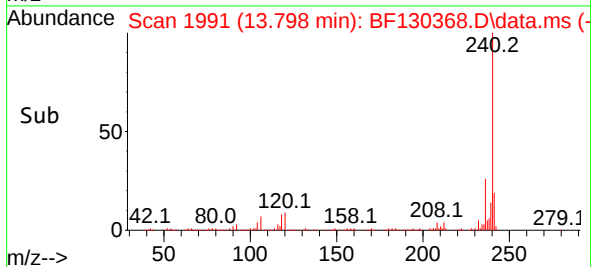
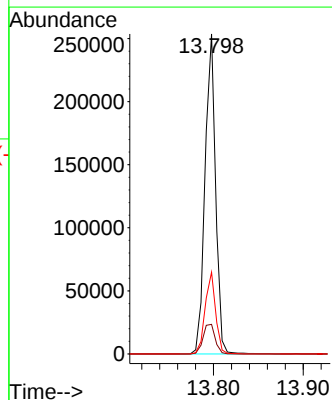
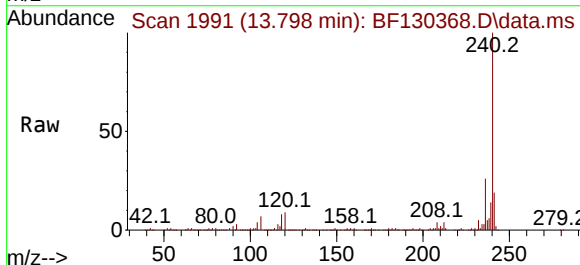
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

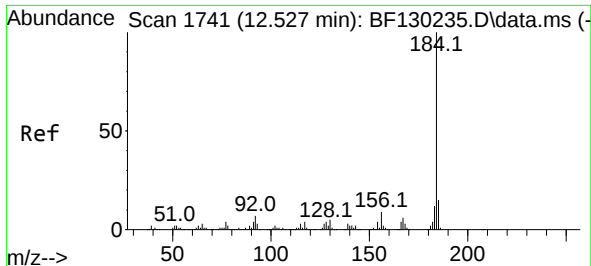
Tgt Ion:248 Resp: 16106
Ion Ratio Lower Upper
248 100
250 217.0 80.0 120.0#
141 601.1 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

Tgt Ion:240 Resp: 207309
Ion Ratio Lower Upper
240 100
120 9.3 8.7 13.1
236 25.6 20.9 31.3

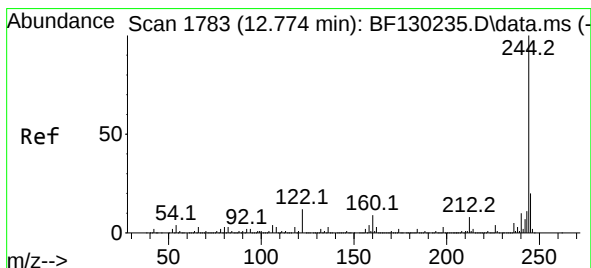
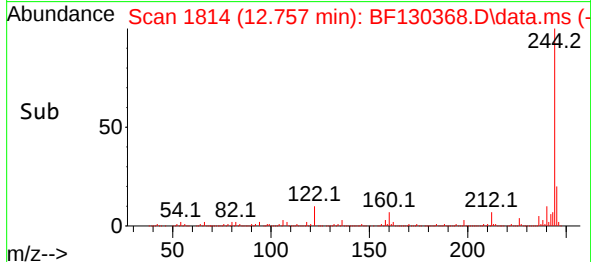
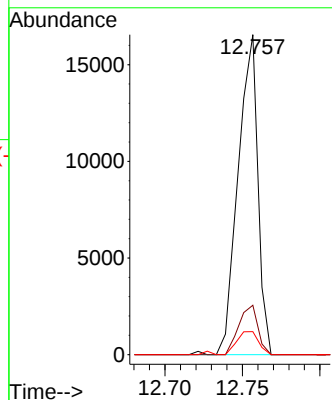
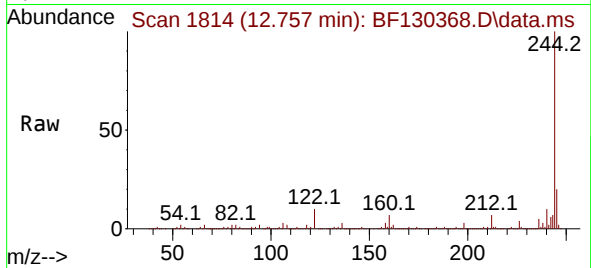




#77
Benzidine
Concen: 2.441 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.247 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

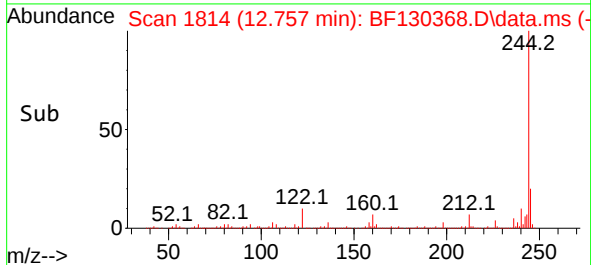
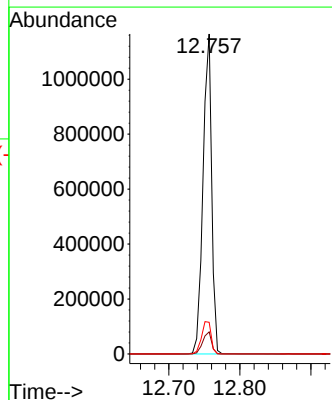
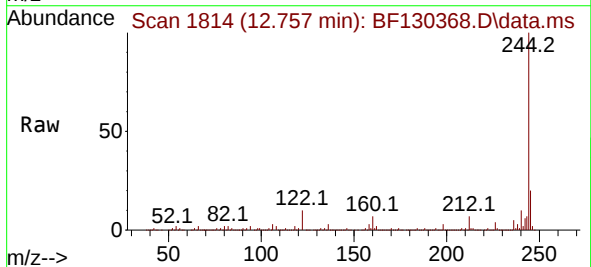
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

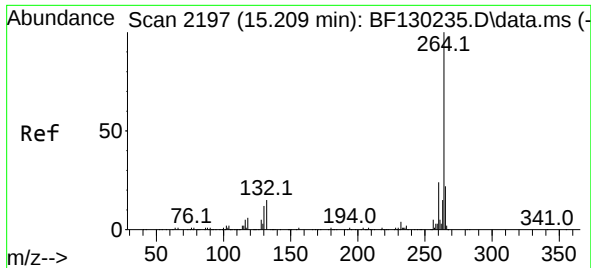
Tgt Ion:184 Resp: 14692
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.6
183 7.2 9.1 13.7#



#79
Terphenyl-d14
Concen: 78.954 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

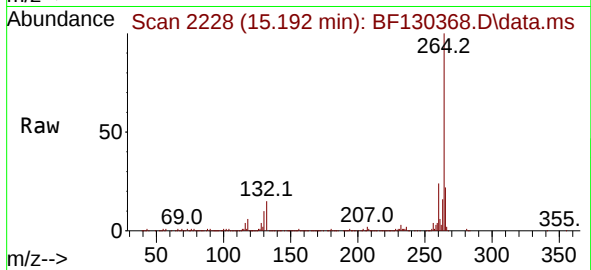
Tgt Ion:244 Resp: 988102
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.9 8.5 12.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF130368.D
Acq: 21 Sep 2022 18:47

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP



Tgt Ion:264 Resp: 217888

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.5	17.0	25.4

