

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092122\
 Data File : BF130369.D
 Acq On : 21 Sep 2022 19:20
 Operator : CG\JU
 Sample : N4724-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Sep 22 05:59:00 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)

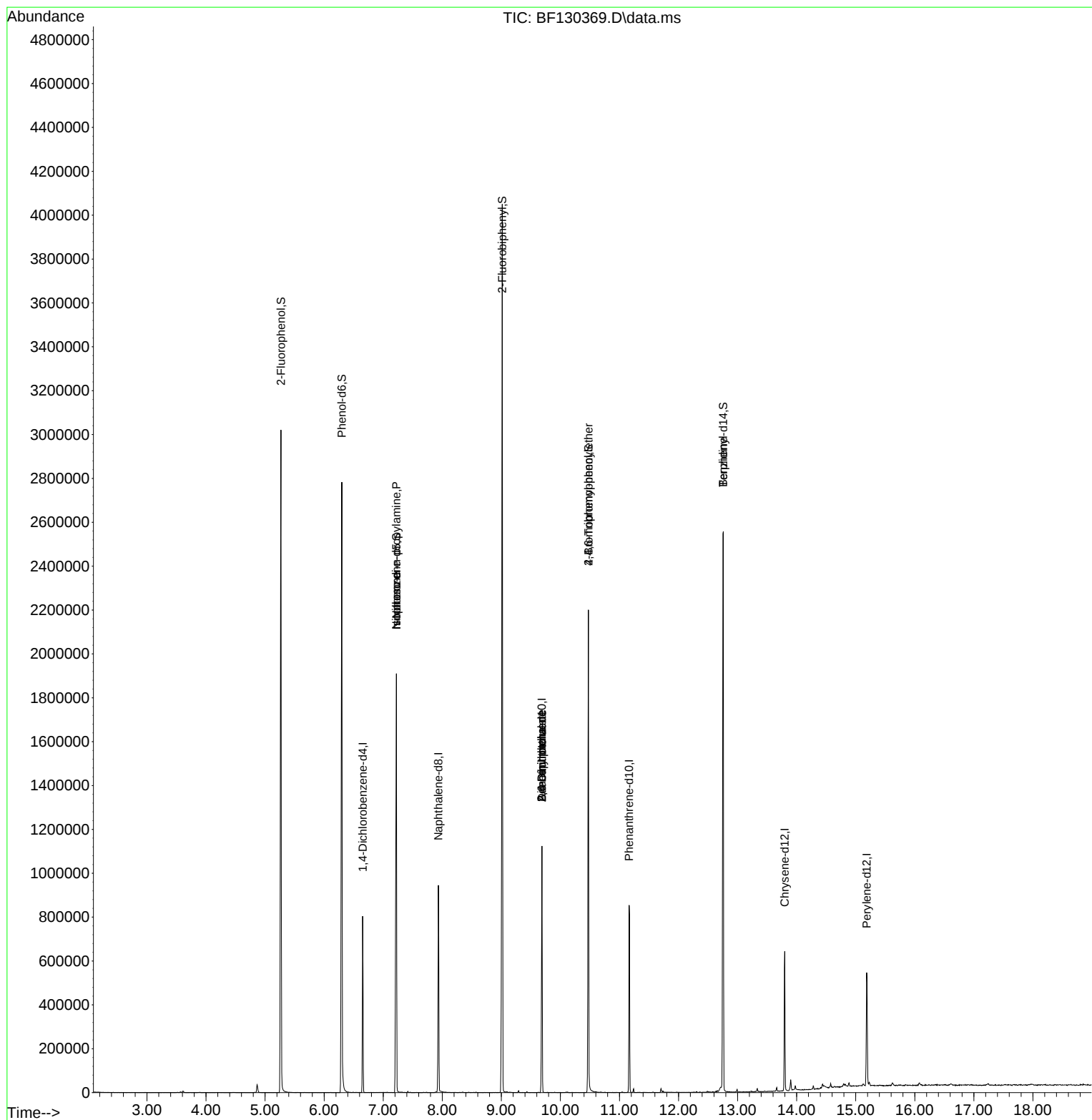
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	106342	20.000	ng	-0.01
21) Naphthalene-d8	7.934	136	423045	20.000	ng	-0.01
39) Acenaphthene-d10	9.686	164	210661	20.000	ng	0.00
64) Phenanthrene-d10	11.163	188	311767	20.000	ng	-0.01
76) Chrysene-d12	13.798	240	203986	20.000	ng	0.00
86) Perylene-d12	15.186	264	213279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	808873	131.929	ng	0.01
7) Phenol-d6	6.298	99	990447	129.108	ng	0.00
23) Nitrobenzene-d5	7.222	82	639069	77.176	ng	-0.01
42) 2,4,6-Tribromophenol	10.475	330	246599	122.167	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1188818	82.177	ng	0.00
79) Terphenyl-d14	12.757	244	904308	73.435	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.222	70	87809	16.963	ng	# 71
25) Isophorone	7.222	82	637016	47.729	ng	# 66
50) Dimethylphthalate	9.686	163	39257	2.698	ng	# 1
51) 2,6-Dinitrotoluene	9.686	165	27254	8.955	ng	# 16
57) 2,4-Dinitrotoluene	9.686	165	27254	7.007	ng	# 16
67) 4-Bromophenyl-phenylether	10.475	248	15214	4.424	ng	# 1
77) Benzidine	12.757	184	14242	2.405	ng	# 93

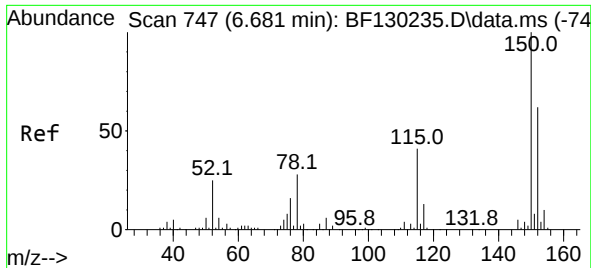
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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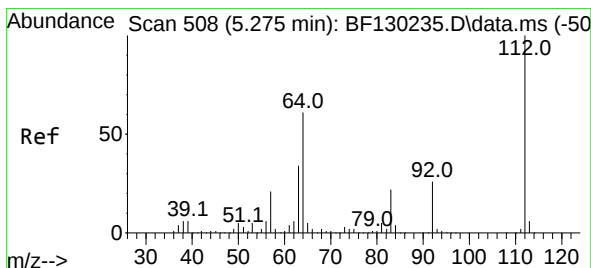
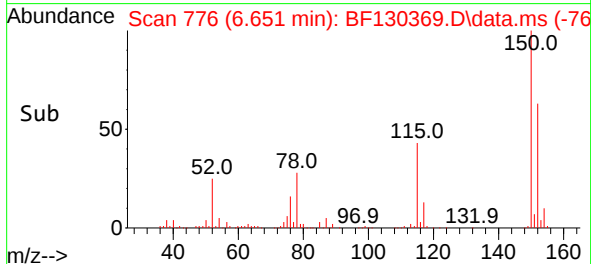
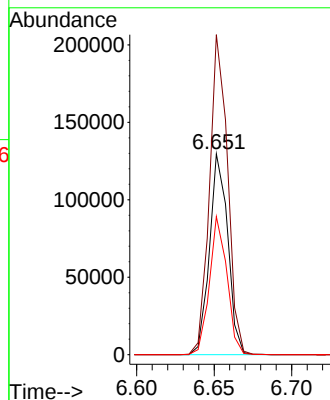
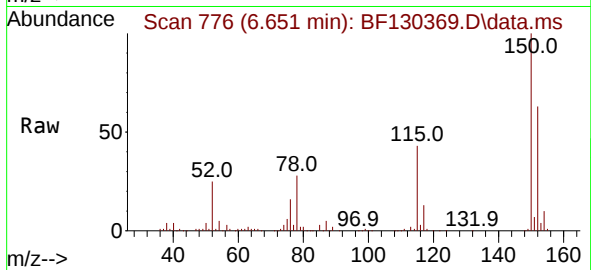




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20

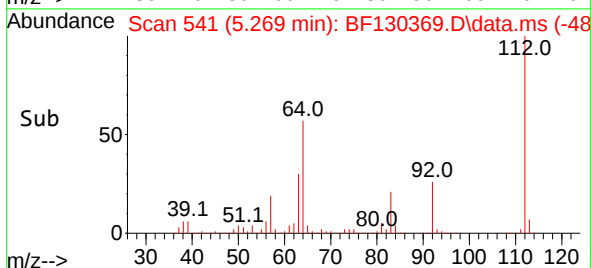
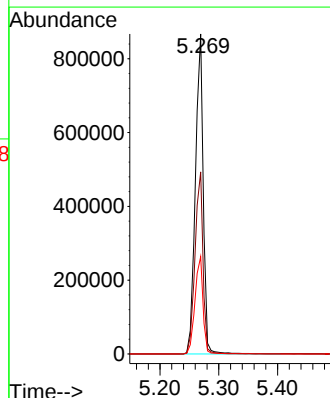
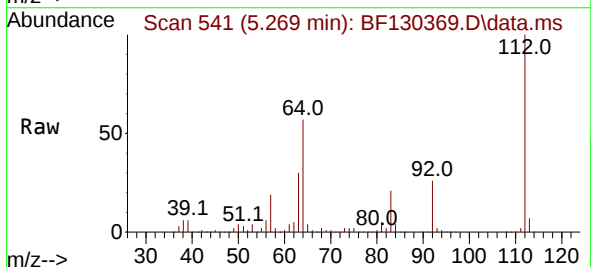
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

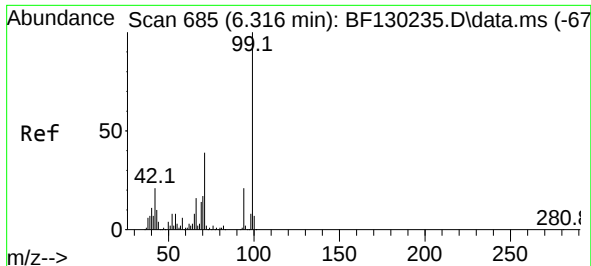
Tgt Ion:152 Resp: 106342
Ion Ratio Lower Upper
152 100
150 159.4 122.8 184.2
115 68.8 53.8 80.8



#5
2-Fluorophenol
Concen: 131.929 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20

Tgt Ion:112 Resp: 808873
Ion Ratio Lower Upper
112 100
64 56.9 51.4 77.0
63 30.4 28.8 43.2

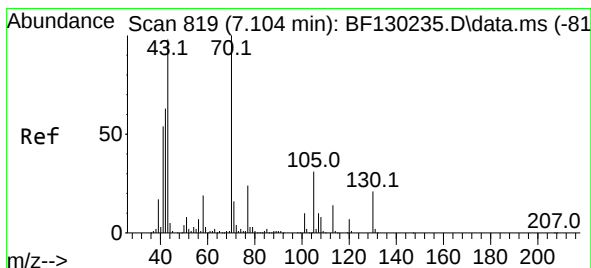
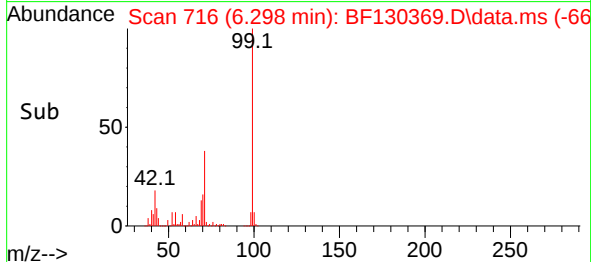
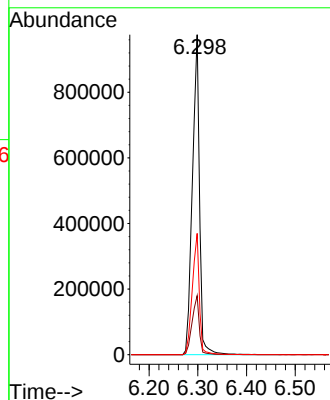
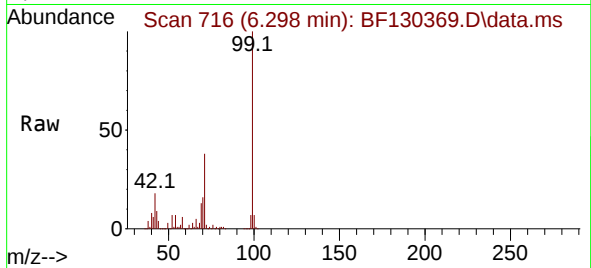




#7
Phenol-d6
Concen: 129.108 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20

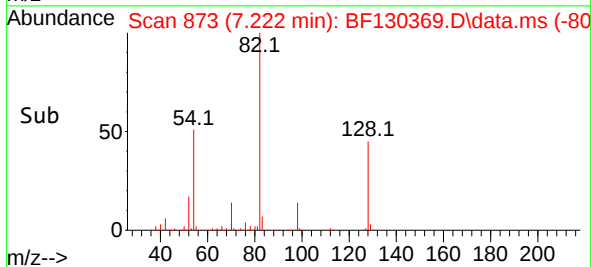
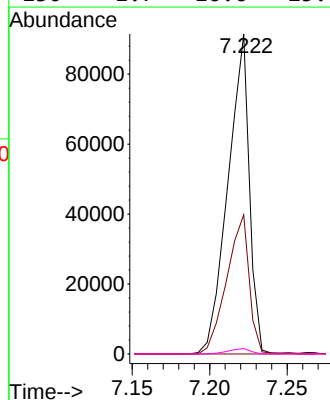
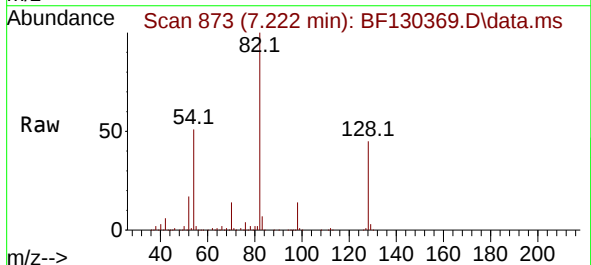
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

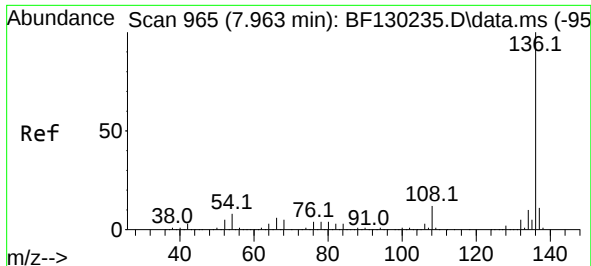
Tgt Ion: 99 Resp: 990447
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 37.9 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.963 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.130 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20

Tgt Ion: 70 Resp: 87809
Ion Ratio Lower Upper
70 100
42 43.5 50.8 76.2#
101 0.0 8.2 12.4#
130 1.7 16.6 25.0#

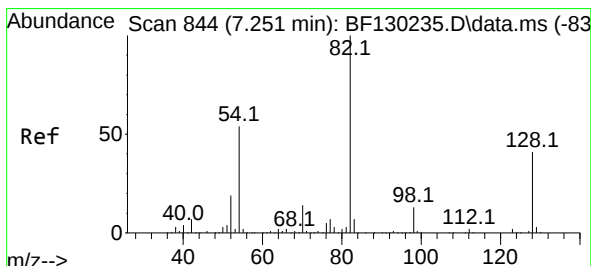
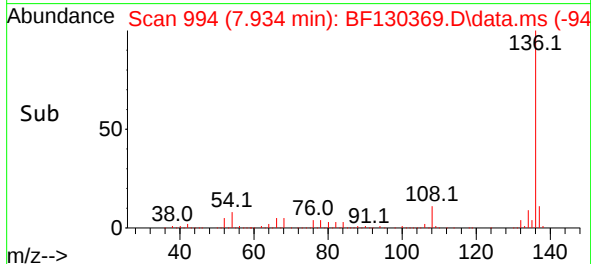
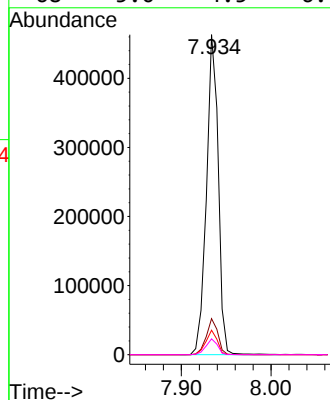
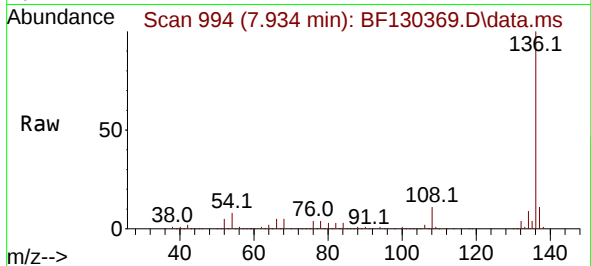




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20

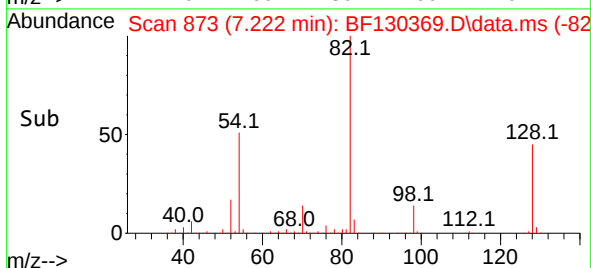
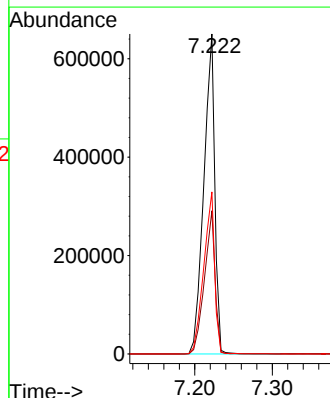
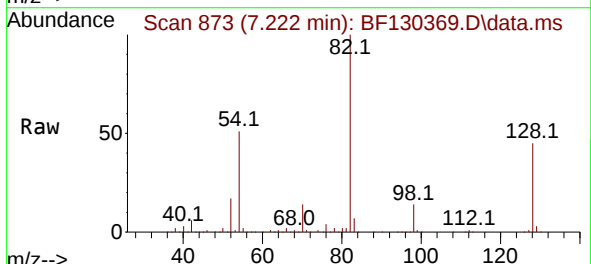
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

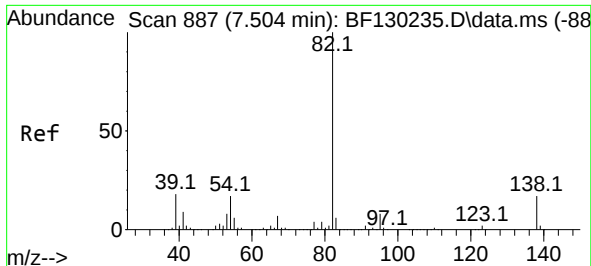
Tgt Ion:	136	Resp:	423045
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	7.7	7.1	10.7
68	5.0	4.5	6.7



#23
Nitrobenzene-d5
Concen: 77.176 ng
RT: 7.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20

Tgt Ion:	82	Resp:	639069
Ion Ratio	Lower	Upper	
82	100		
128	44.8	32.6	49.0
54	50.6	43.8	65.6

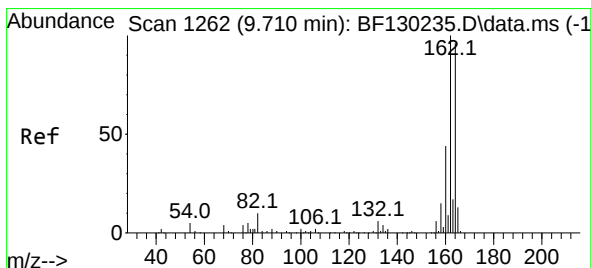
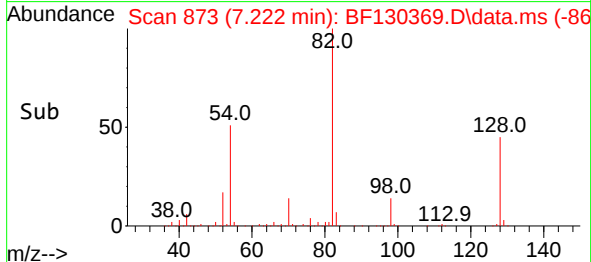
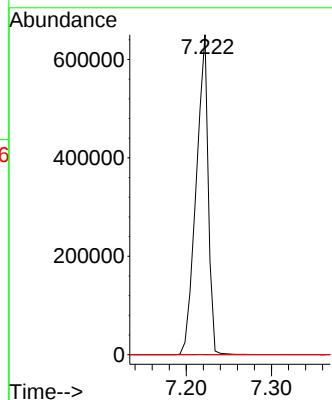
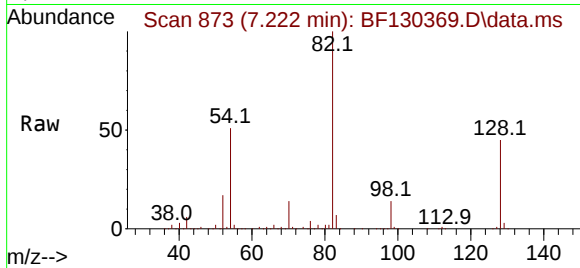




#25
Isophorone
Concen: 47.729 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20

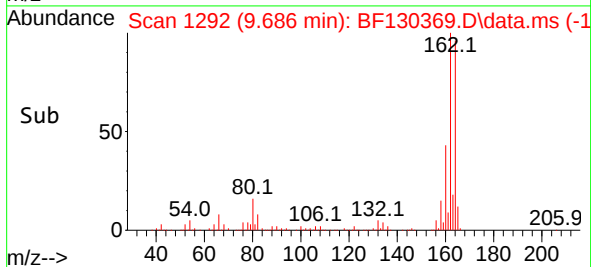
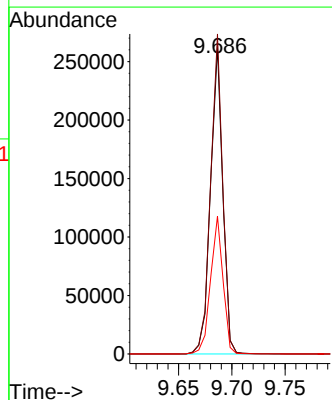
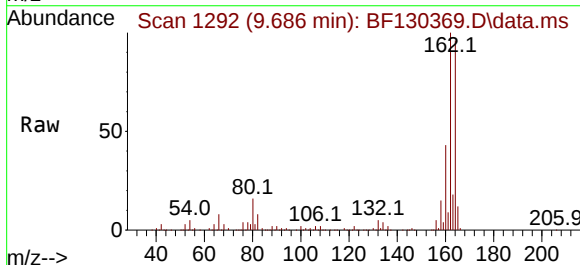
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

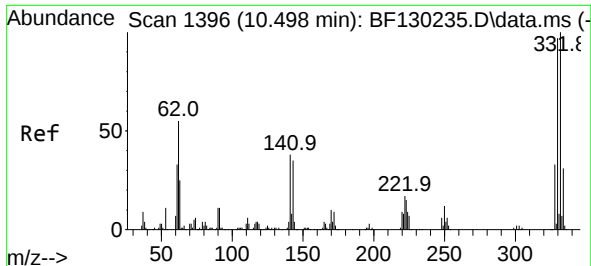
Tgt Ion: 82 Resp: 637016
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20

Tgt Ion:164 Resp: 210661
Ion Ratio Lower Upper
164 100
162 104.4 81.4 122.0
160 44.9 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 122.167 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF130369.D

Acq: 21 Sep 2022 19:20

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

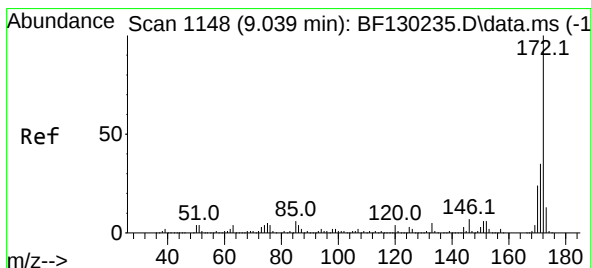
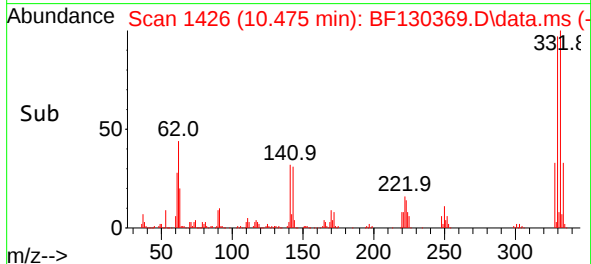
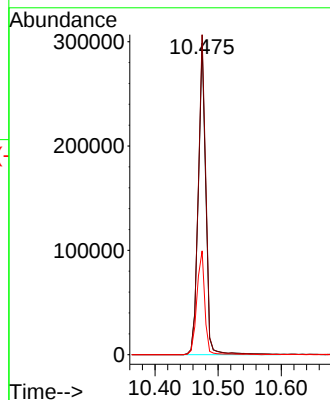
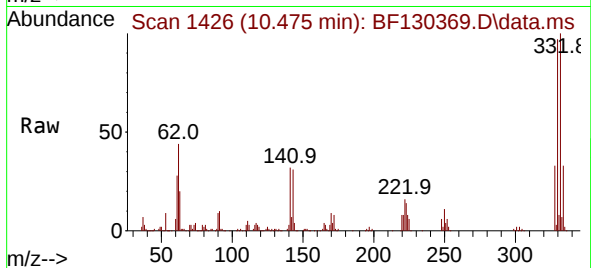
Tgt Ion:330 Resp: 246599

Ion Ratio Lower Upper

330 100

332 102.5 83.4 125.2

141 35.2 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 82.177 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF130369.D

Acq: 21 Sep 2022 19:20

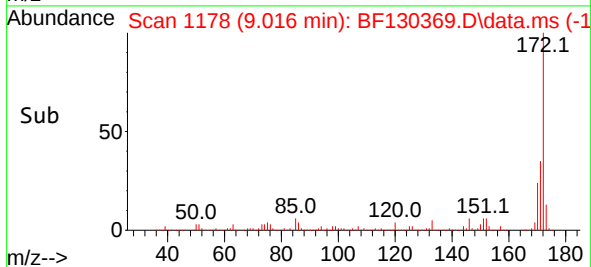
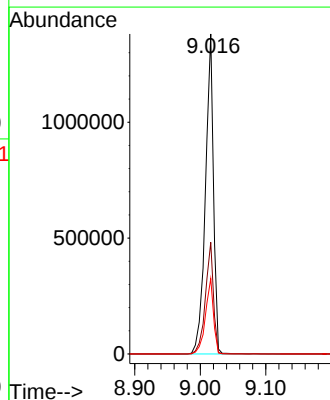
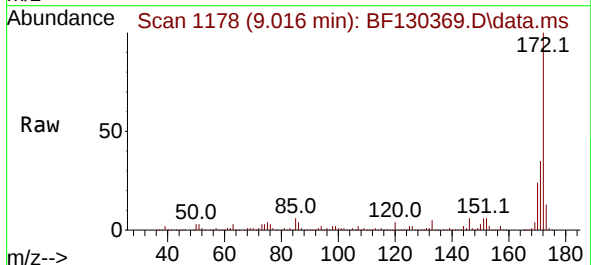
Tgt Ion:172 Resp: 1188818

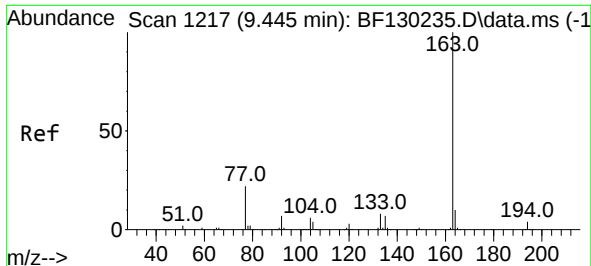
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.6 18.7 28.1

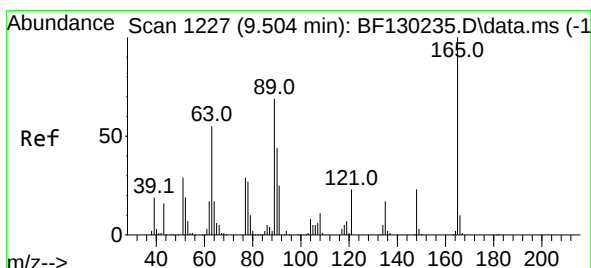
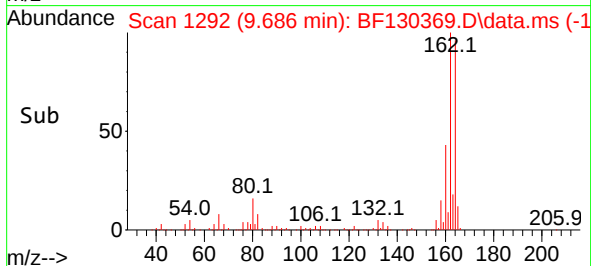
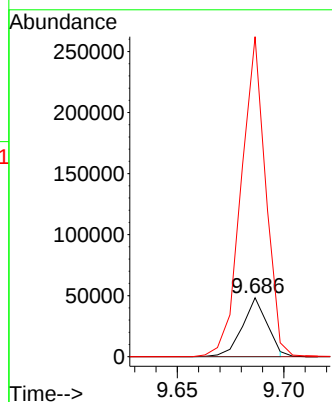
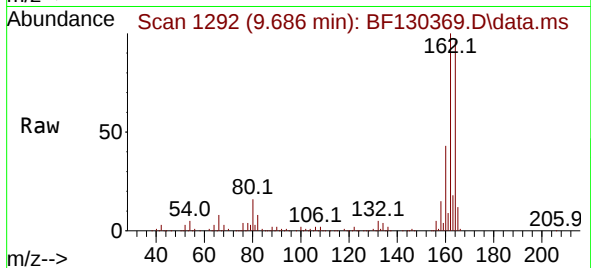




#50
Dimethylphthalate
Concen: 2.698 ng
RT: 9.686 min Scan# 1217
Delta R.T. 0.259 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20

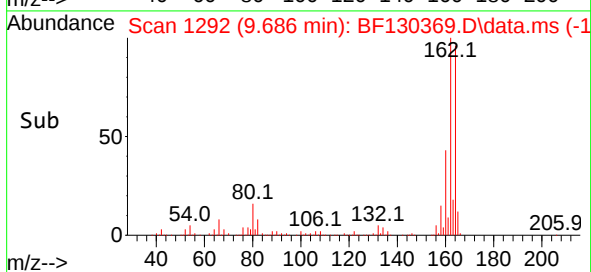
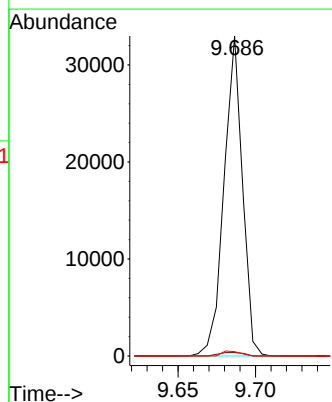
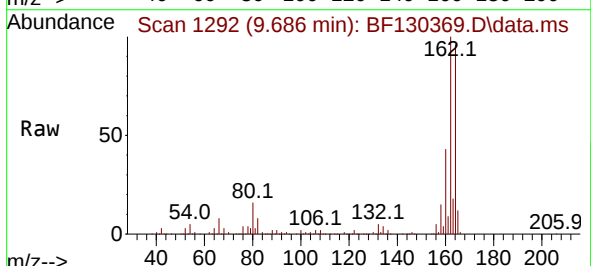
Instrument :
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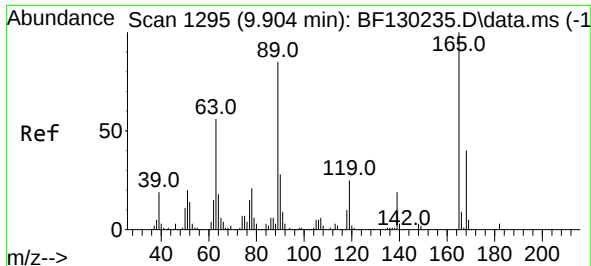
Tgt Ion:163 Resp: 39257
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 543.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.955 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20

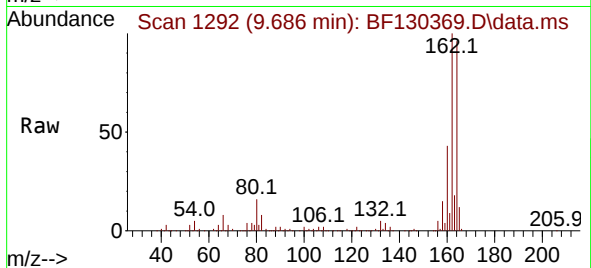
Tgt Ion:165 Resp: 27254
Ion Ratio Lower Upper
165 100
63 1.1 58.8 88.2#
89 1.3 54.5 81.7#



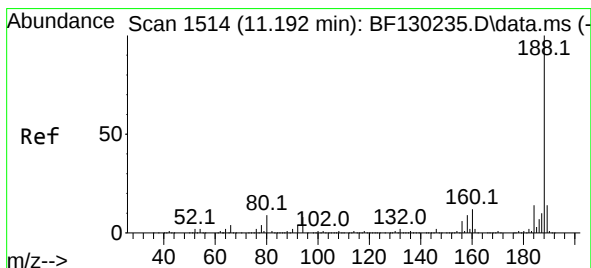
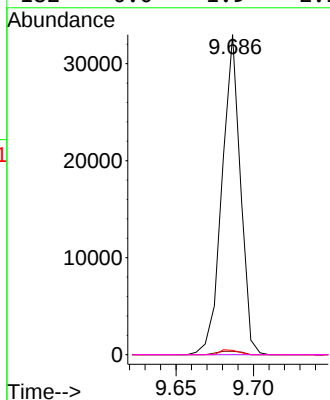
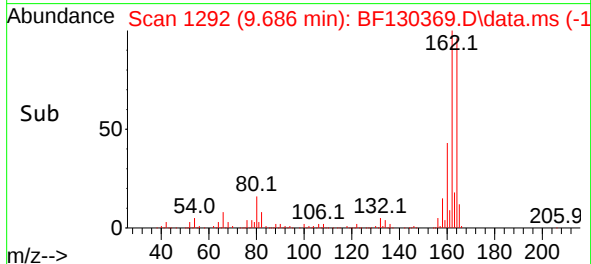


#57
2,4-Dinitrotoluene
Concen: 7.007 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20

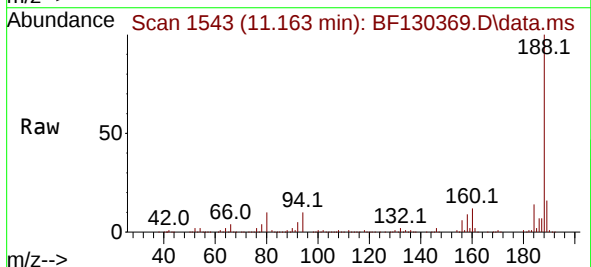
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP



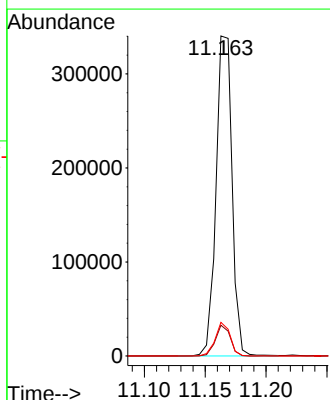
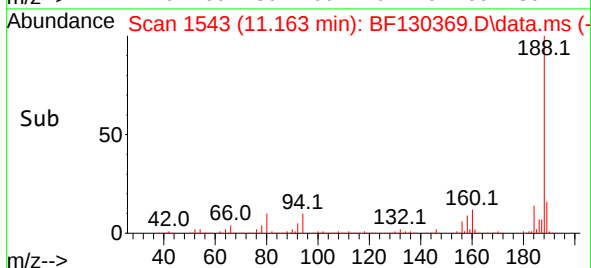
Tgt Ion:165 Resp: 27254
Ion Ratio Lower Upper
165 100
63 1.1 44.7 67.1#
89 1.3 69.0 103.4#
182 0.0 1.9 2.9#

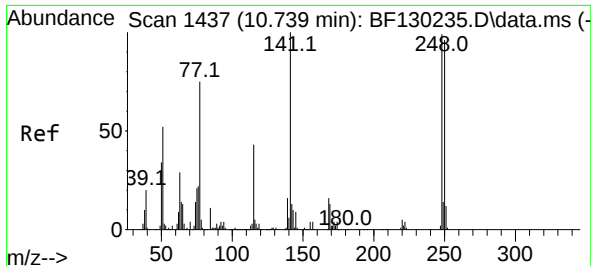


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.163 min Scan# 1543
Delta R.T. -0.012 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20



Tgt Ion:188 Resp: 311767
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.5 7.9 11.9

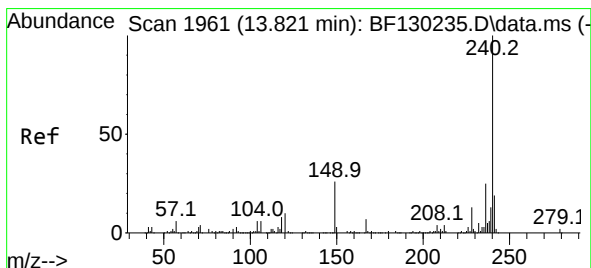
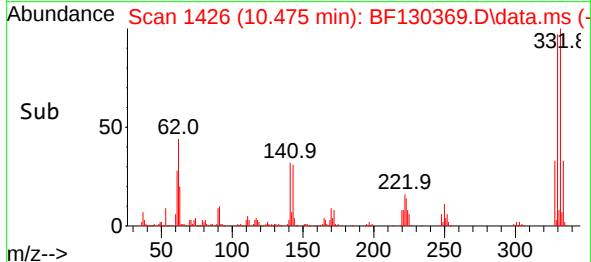
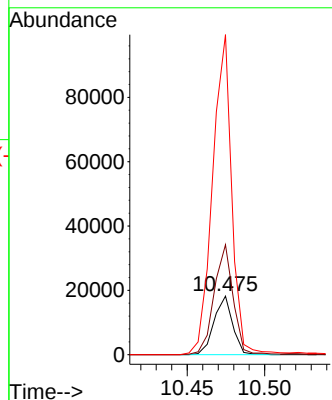
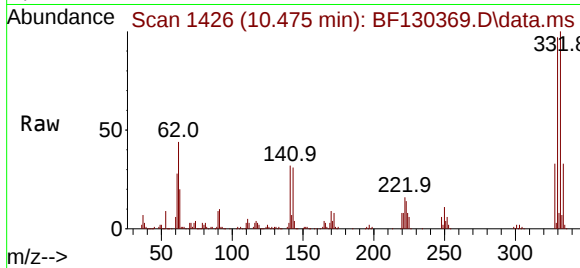




#67
4-Bromophenyl-phenylether
Concen: 4.424 ng
RT: 10.475 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20

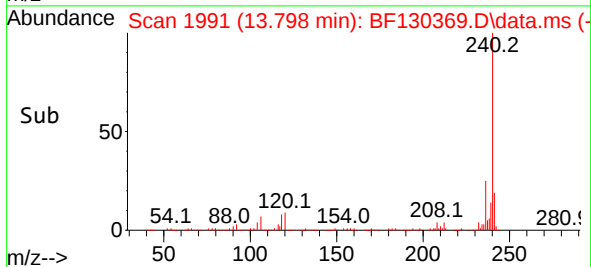
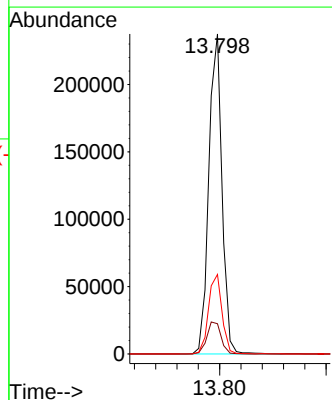
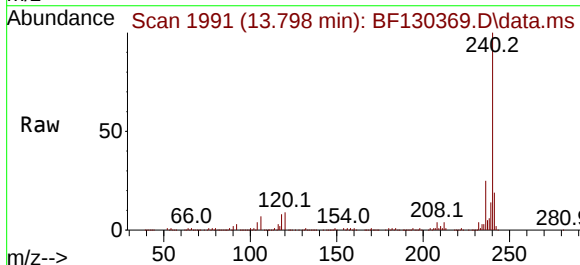
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

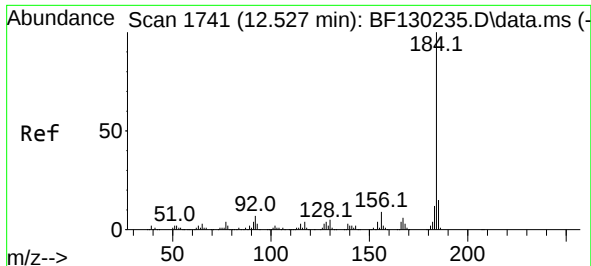
Tgt Ion:248 Resp: 15214
Ion Ratio Lower Upper
248 100
250 187.8 80.0 120.0#
141 546.6 68.5 102.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20

Tgt Ion:240 Resp: 203986
Ion Ratio Lower Upper
240 100
120 9.5 8.7 13.1
236 24.9 20.9 31.3

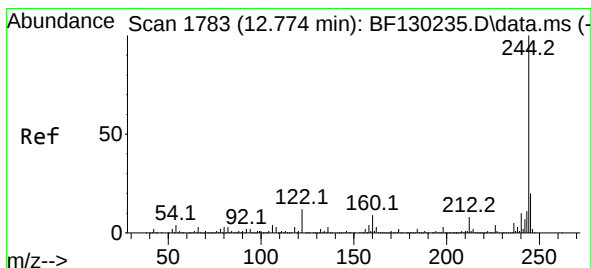
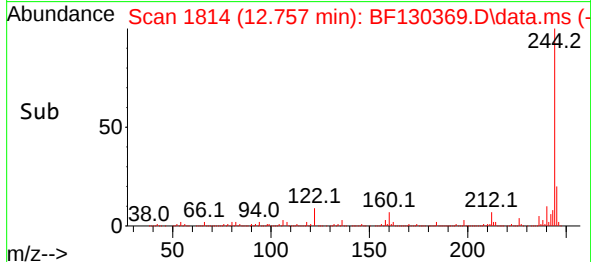
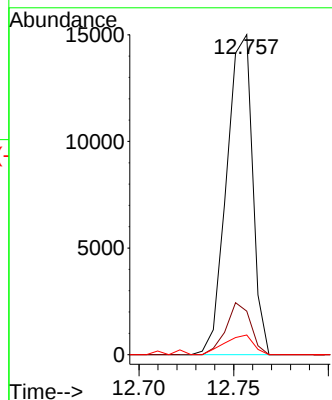
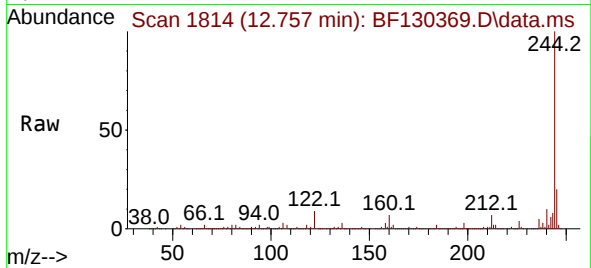




#77
Benzidine
Concen: 2.405 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.247 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20

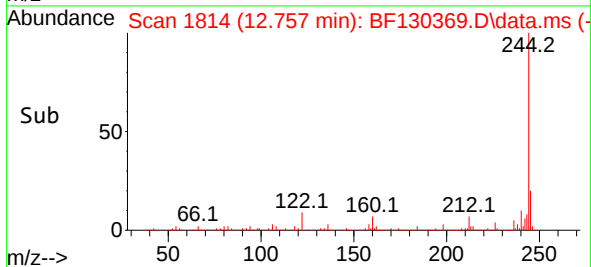
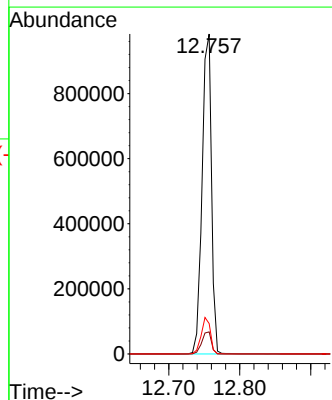
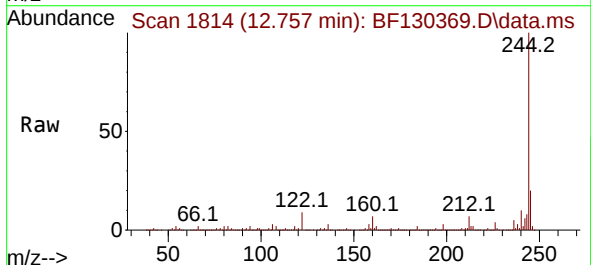
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

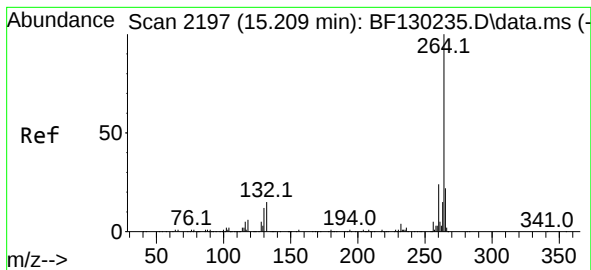
Tgt Ion:184 Resp: 14242
Ion Ratio Lower Upper
184 100
185 13.6 11.8 17.6
183 6.2 9.1 13.7#



#79
Terphenyl-d14
Concen: 73.435 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF130369.D
Acq: 21 Sep 2022 19:20

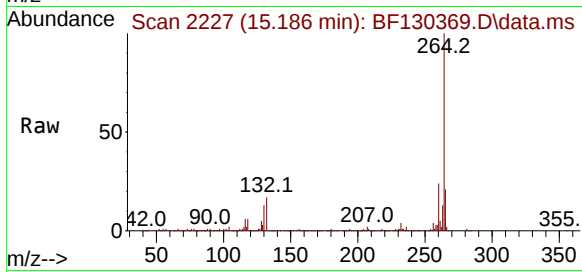
Tgt Ion:244 Resp: 904308
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.5 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.186 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF130369.D
 Acq: 21 Sep 2022 19:20

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP



Tgt Ion:264 Resp: 213279
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 21.4 17.0 25.4

